



84

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Frederick J. MURPHY) Group Art Unit: 2624
Serial No.: 09/877,238) Examiner: TBA
Filed: June 11, 2001) Atty. Dkt. No. 001223.00015
For: METHOD AND APPARATUS FOR)
INTERFACING A PLURALITY OF)
DEVICES TO A COMPUTER NETWORK)

SUBMISSION OF DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

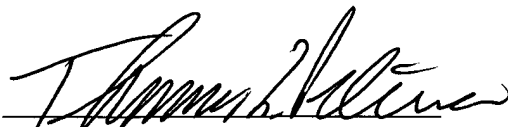
Sir:

Attached hereto for filing in the United States Patent and Trademark Office is forty-five (45) sheets (Figures 1-47) of drawings for the above-identified patent application.

It is believed that no fee is required. However, if a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully Submitted,

Date: December 10, 2001

By: 
Thomas L. Peterson
Registration No. 30,969

BANNER & WITCOFF, LTD.
1001 G Street, N.W., 11th Floor
Washington, D.C. 20001
(202) 508-9100

#4

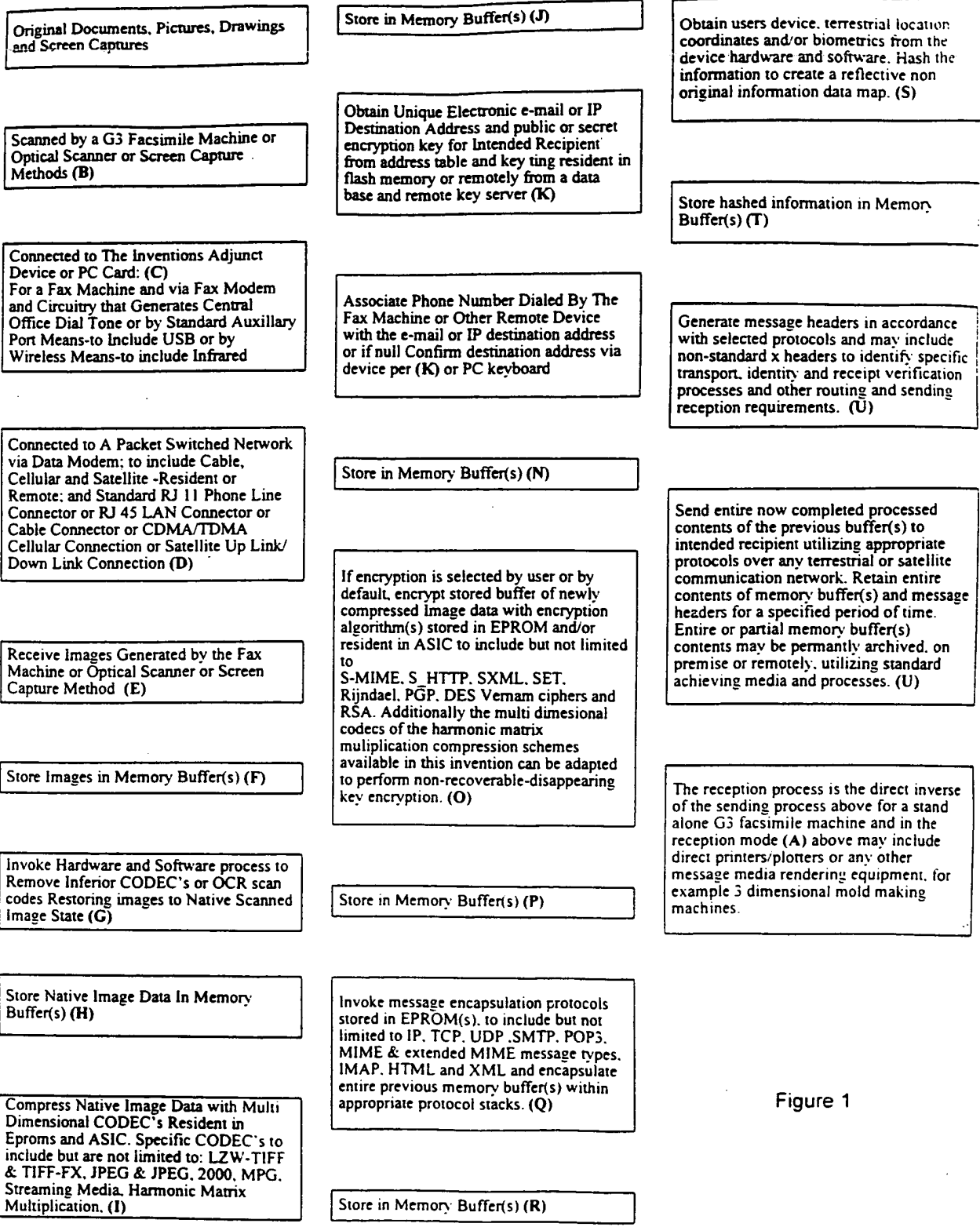


Figure 1

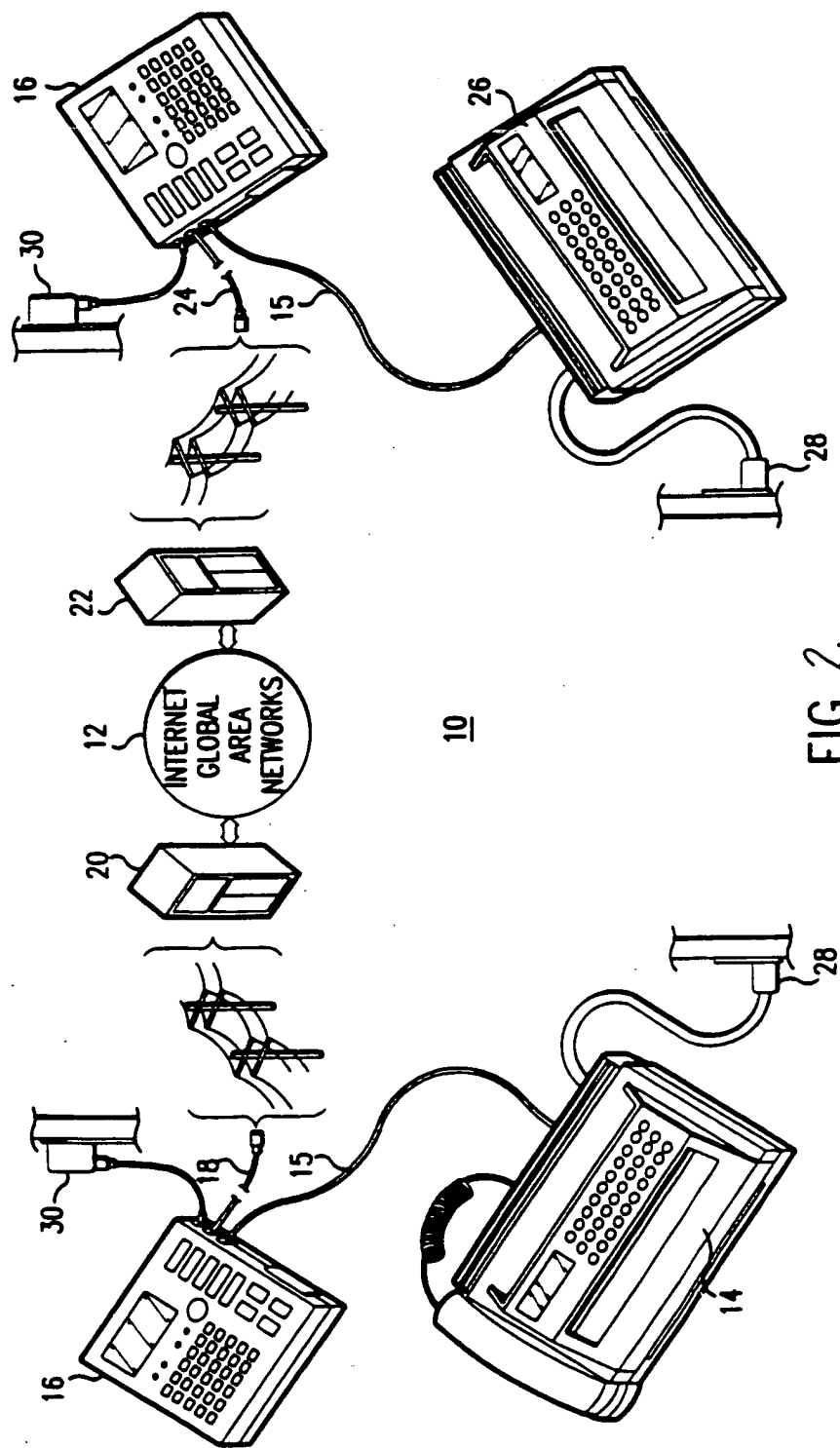


FIG. 2

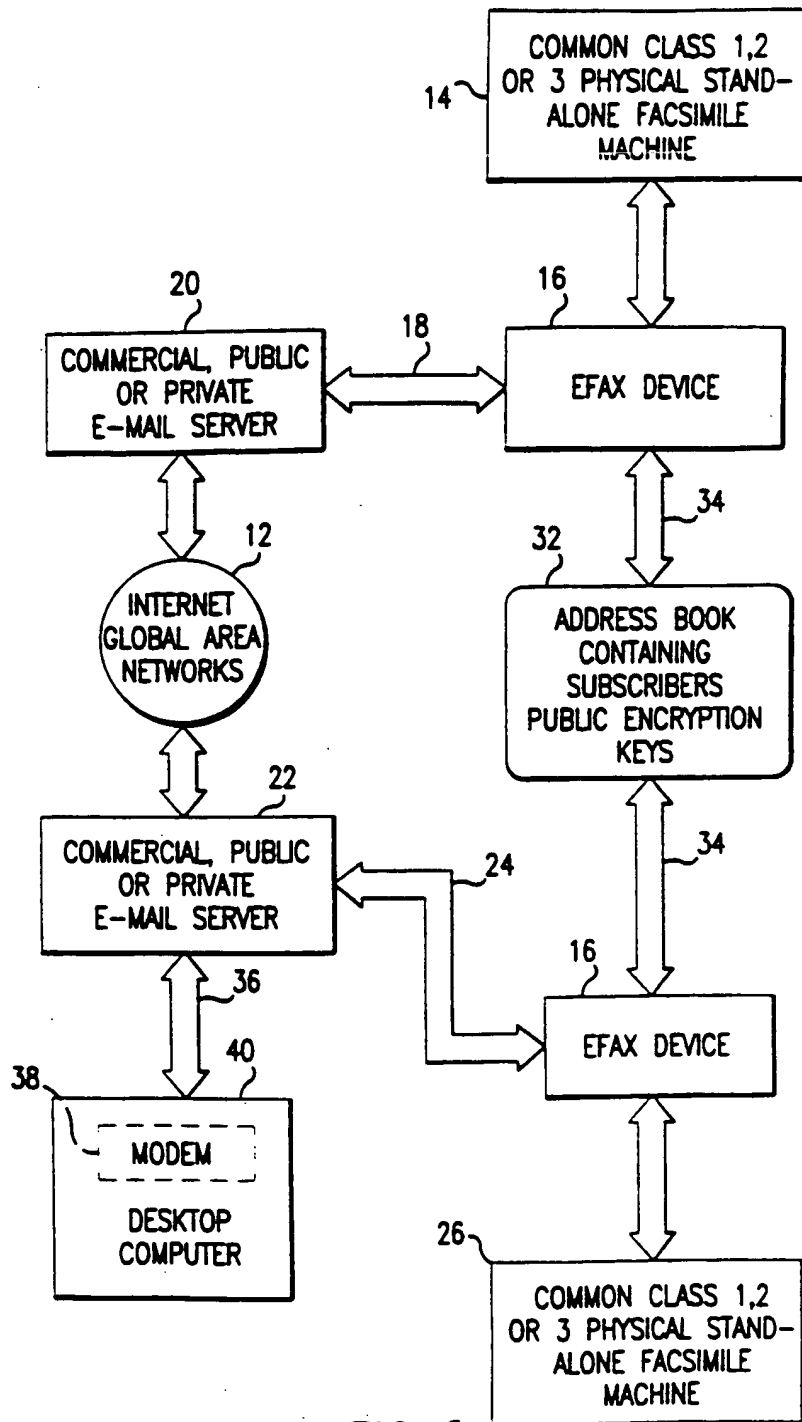


FIG. 3

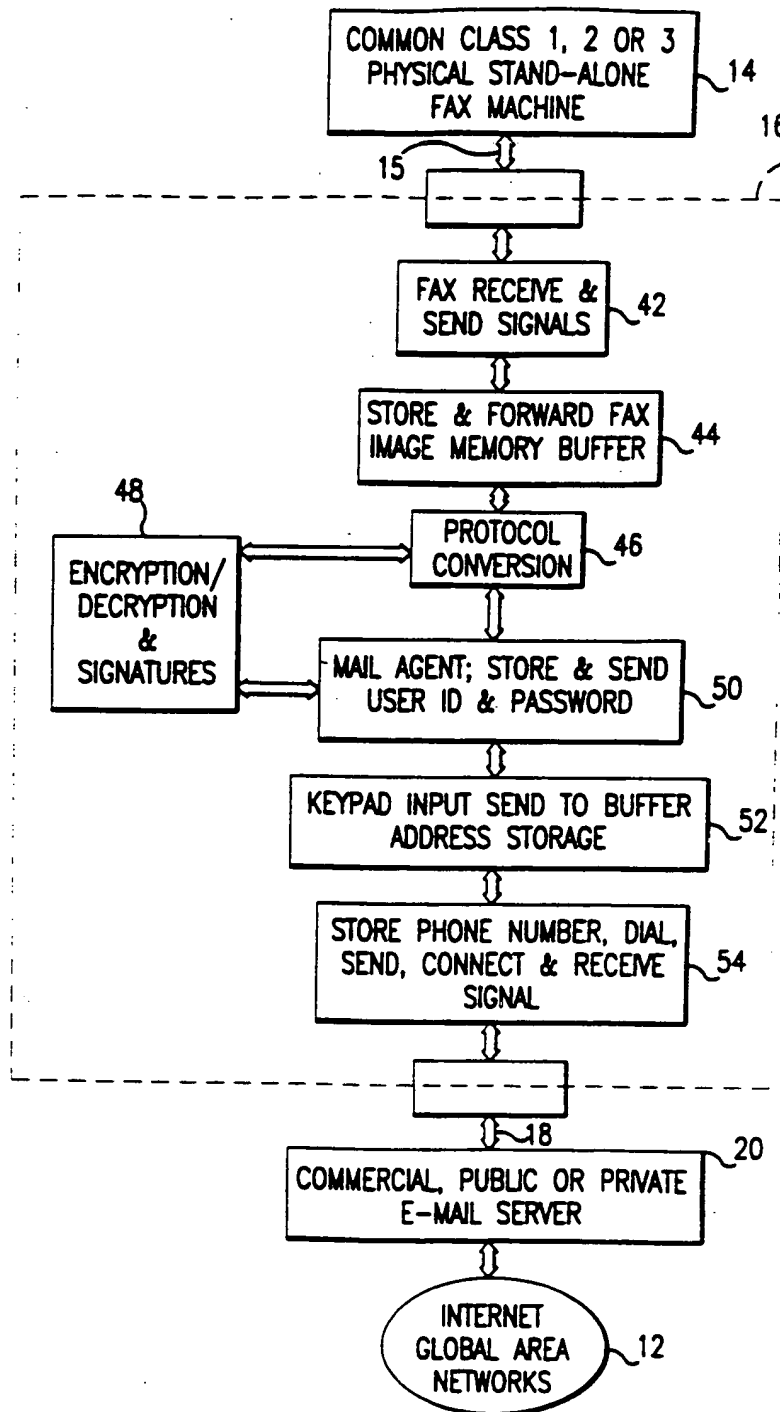


FIG. 4

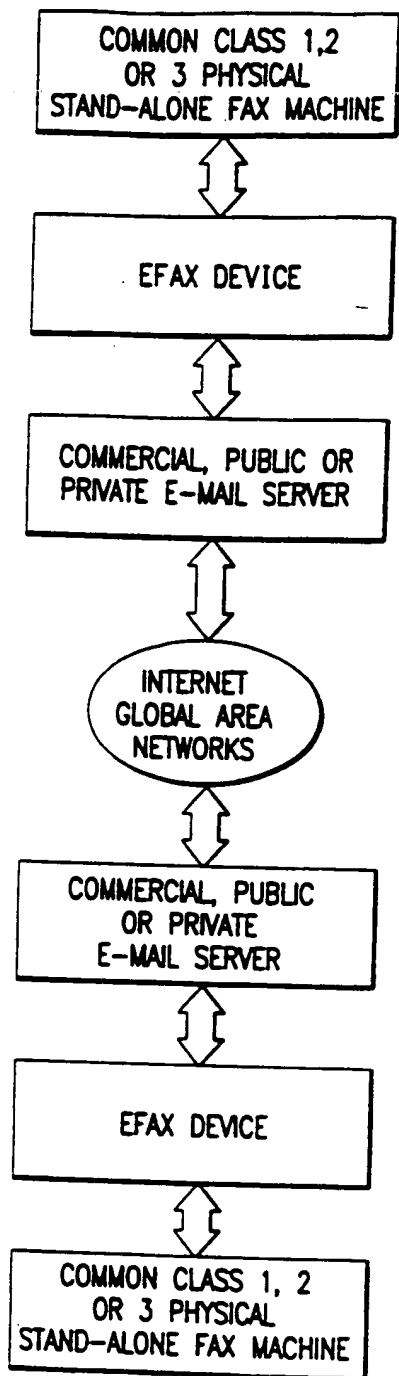


FIG. 5

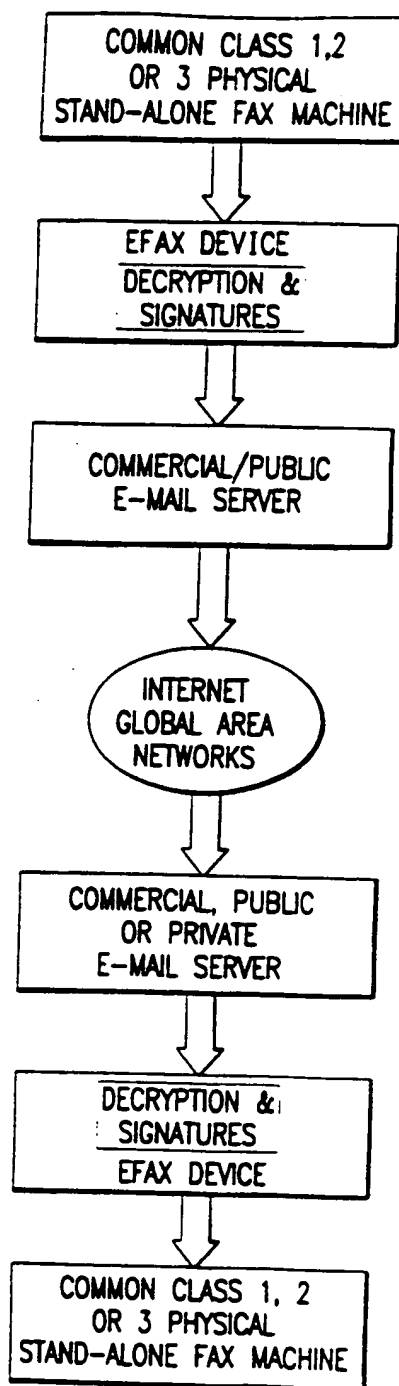


FIG. 6

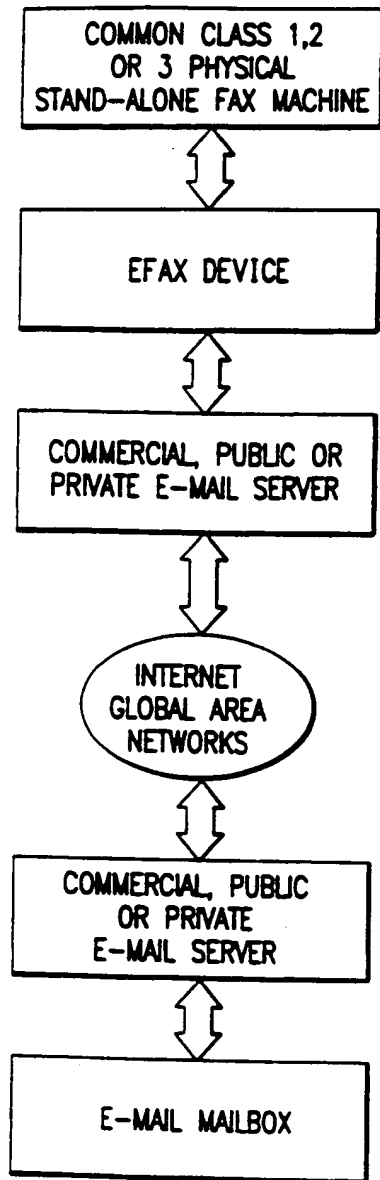


FIG. 7

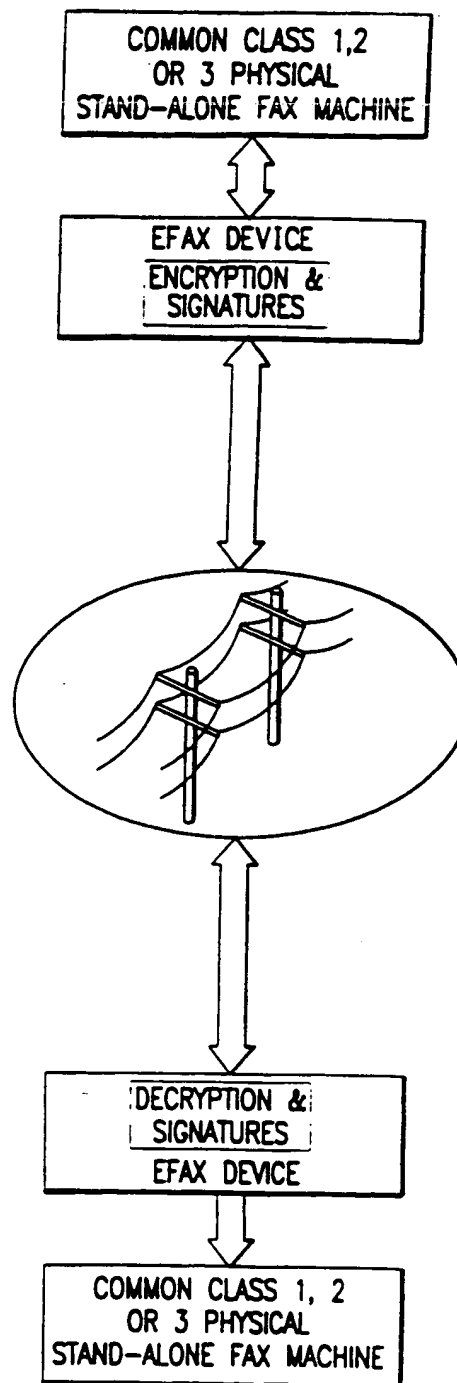


FIG. 8

FIG. 9 is a block diagram of a computer system in accordance with the present invention. The system includes a keyboard 94, a display 96, and a central processing unit 60. The keyboard 94 is connected to the central processing unit 60 via a bus 98. The display 96 is also connected to the central processing unit 60 via a bus 98. The central processing unit 60 includes a microprocessor 62, a memory 64, and a control unit 66. The microprocessor 62 is connected to the memory 64 and the control unit 66. The control unit 66 is connected to the keyboard 94 and the display 96. The system also includes a power supply 15, a fan 16, and a speaker 100. The power supply 15 is connected to the central processing unit 60. The fan 16 is connected to the central processing unit 60. The speaker 100 is connected to the central processing unit 60. The system is housed in a case 102.

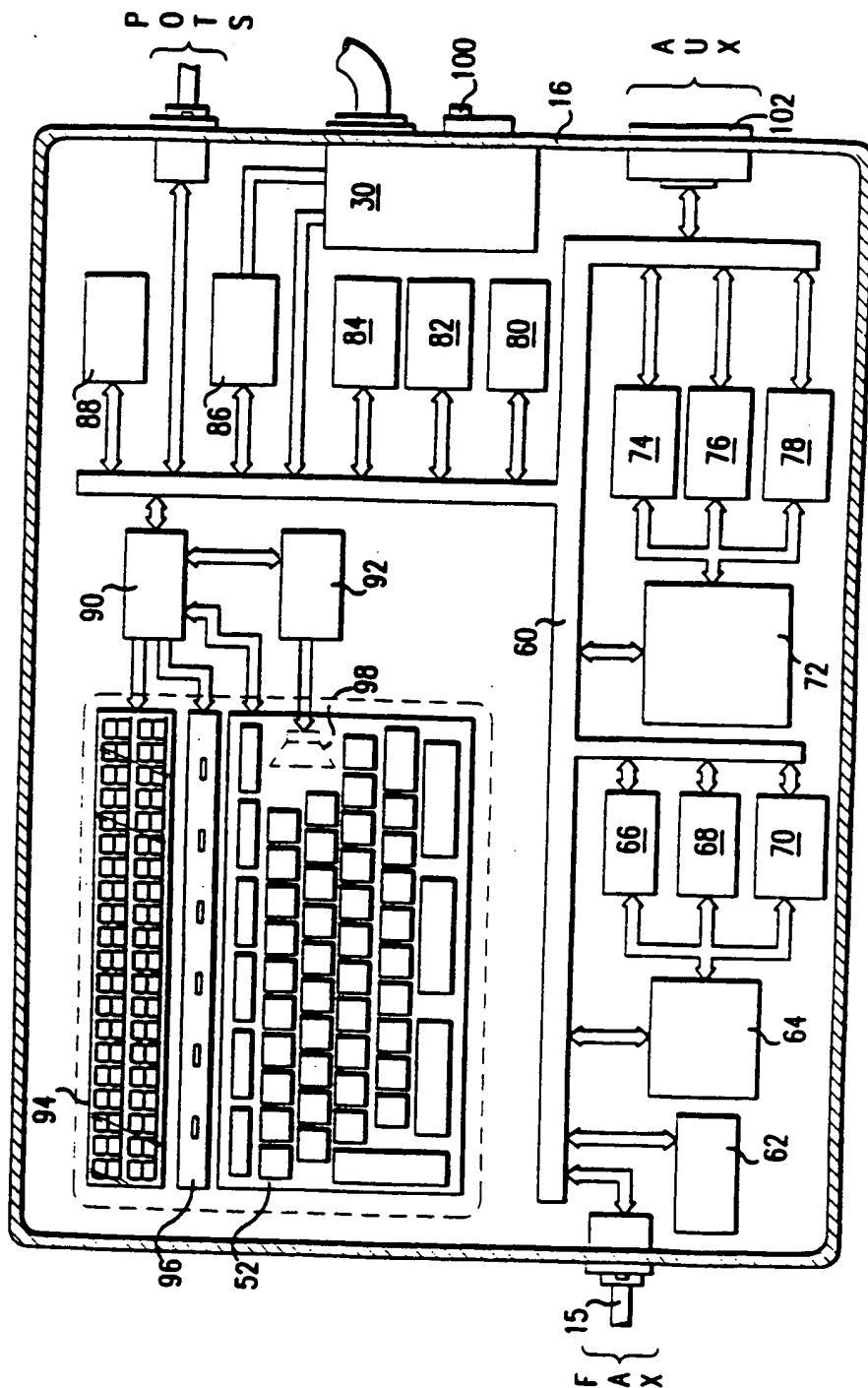


FIG. 9

Figure 1 is a schematic diagram of a mail sorting machine interface. The interface includes a keyboard (94) with a numeric keypad (98) and function keys (GOV, ORG, NET, COM, EDU, MIL). It also features a control panel (52) with buttons for DELETE MAIL, PRINT MAIL, PREVIEW MAIL, GET MAIL, and SEND MAIL. A dashed box (98) indicates a specific area of the keyboard.

FIG. 10

Figure 12

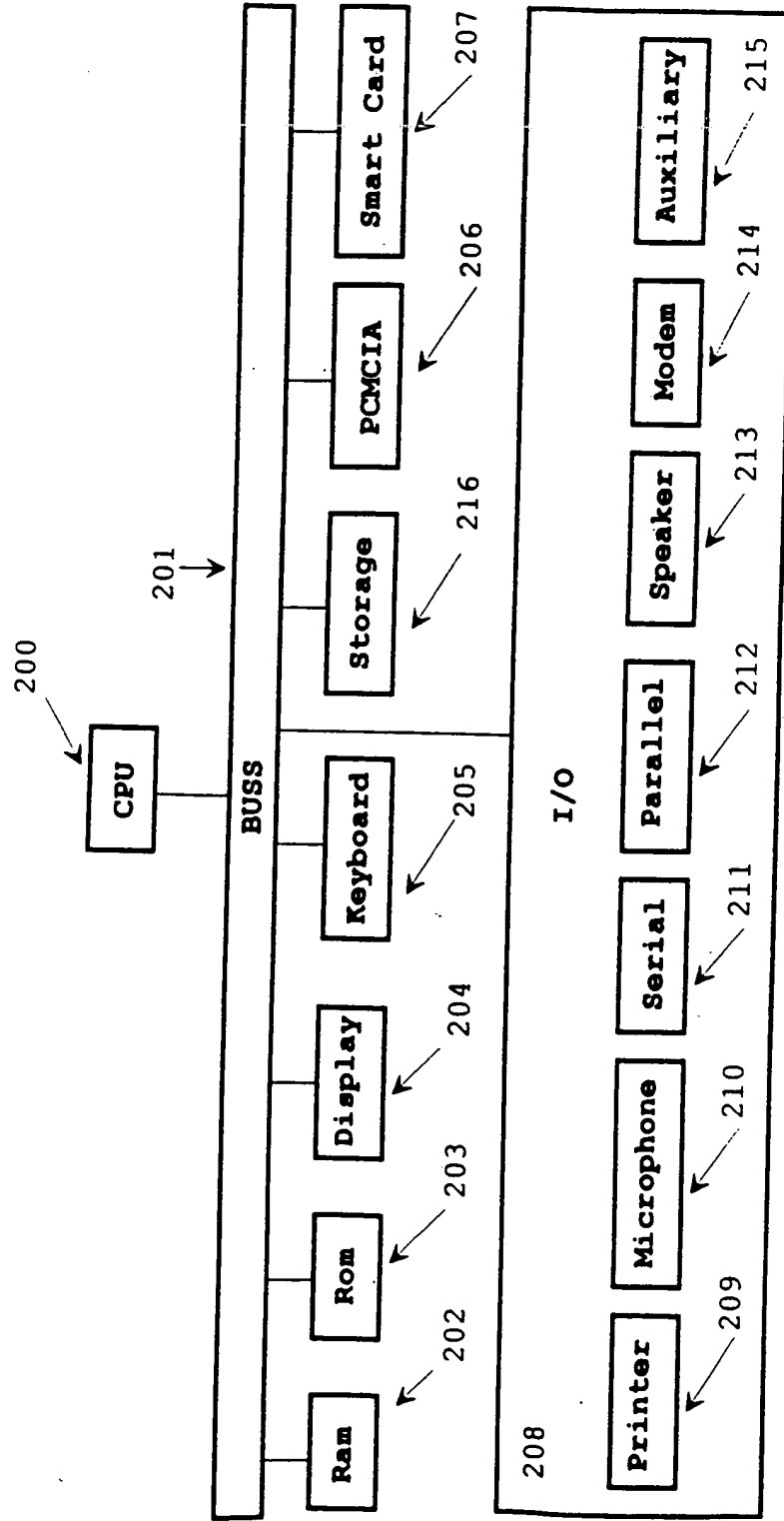
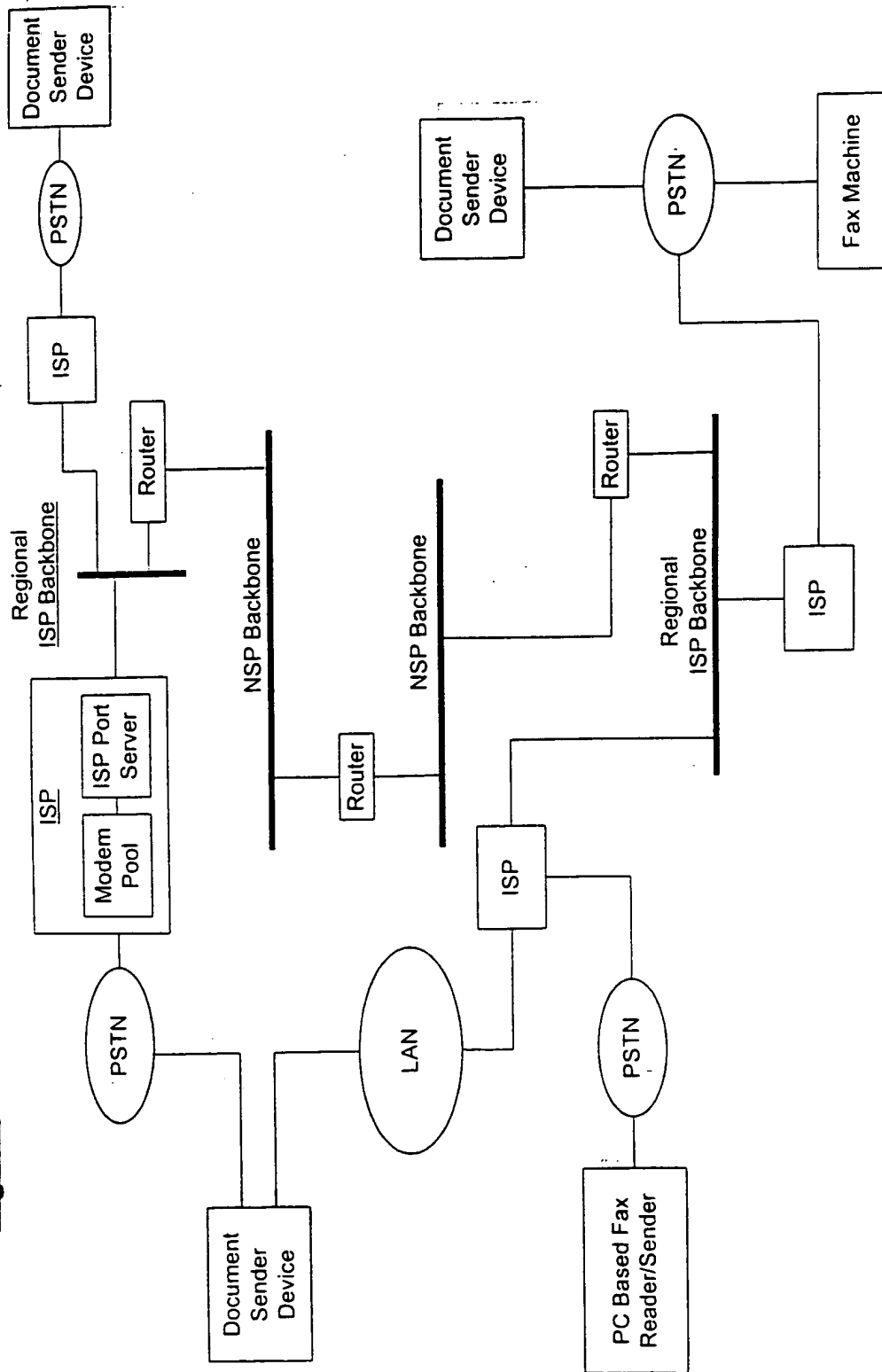


Figure 13



1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070
2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085
2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115
2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130
2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145
2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160
2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175
2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190
2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205
2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220
2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235
2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250
2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265
2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280
2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295
2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310
2311	2312	2313												

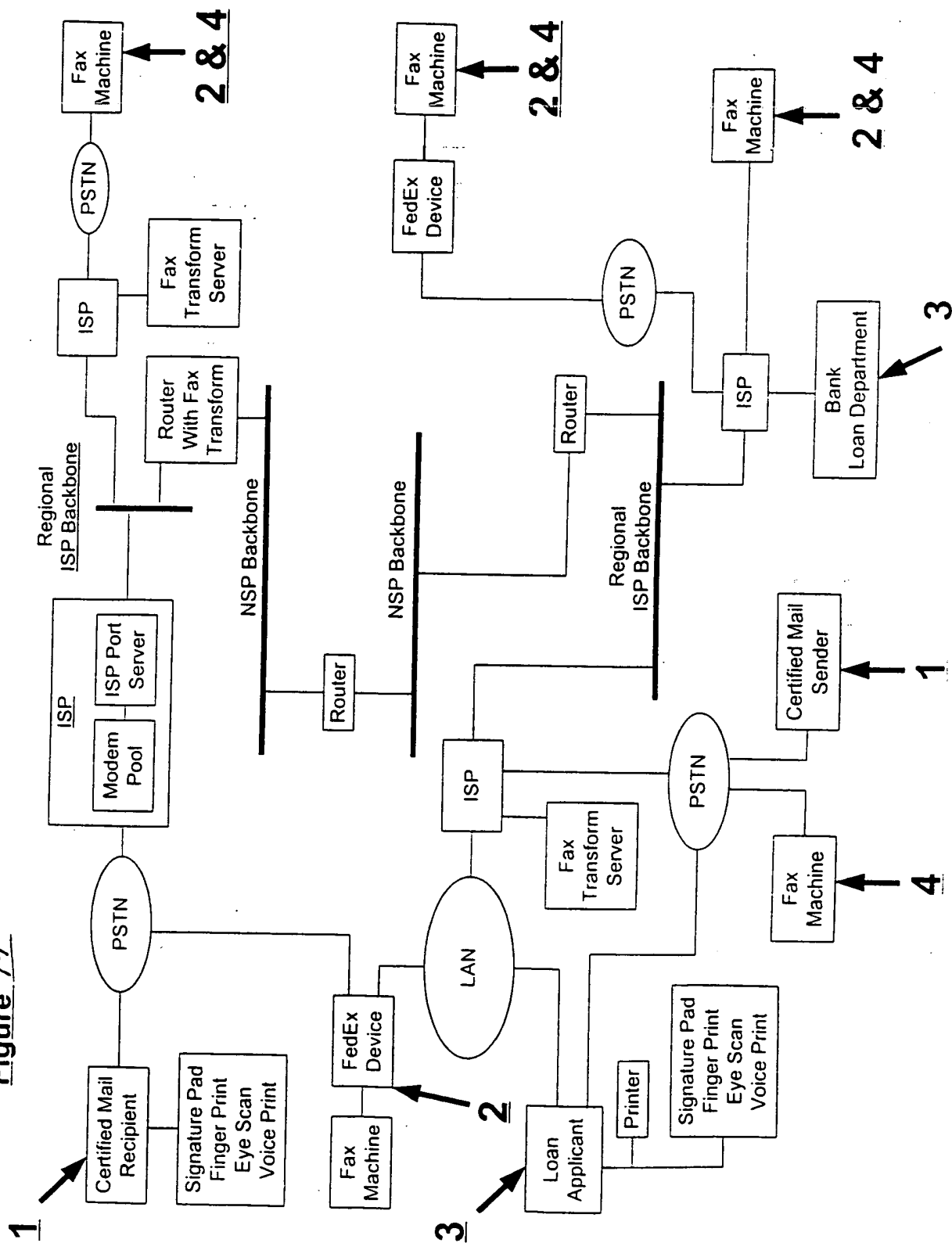


Figure 15

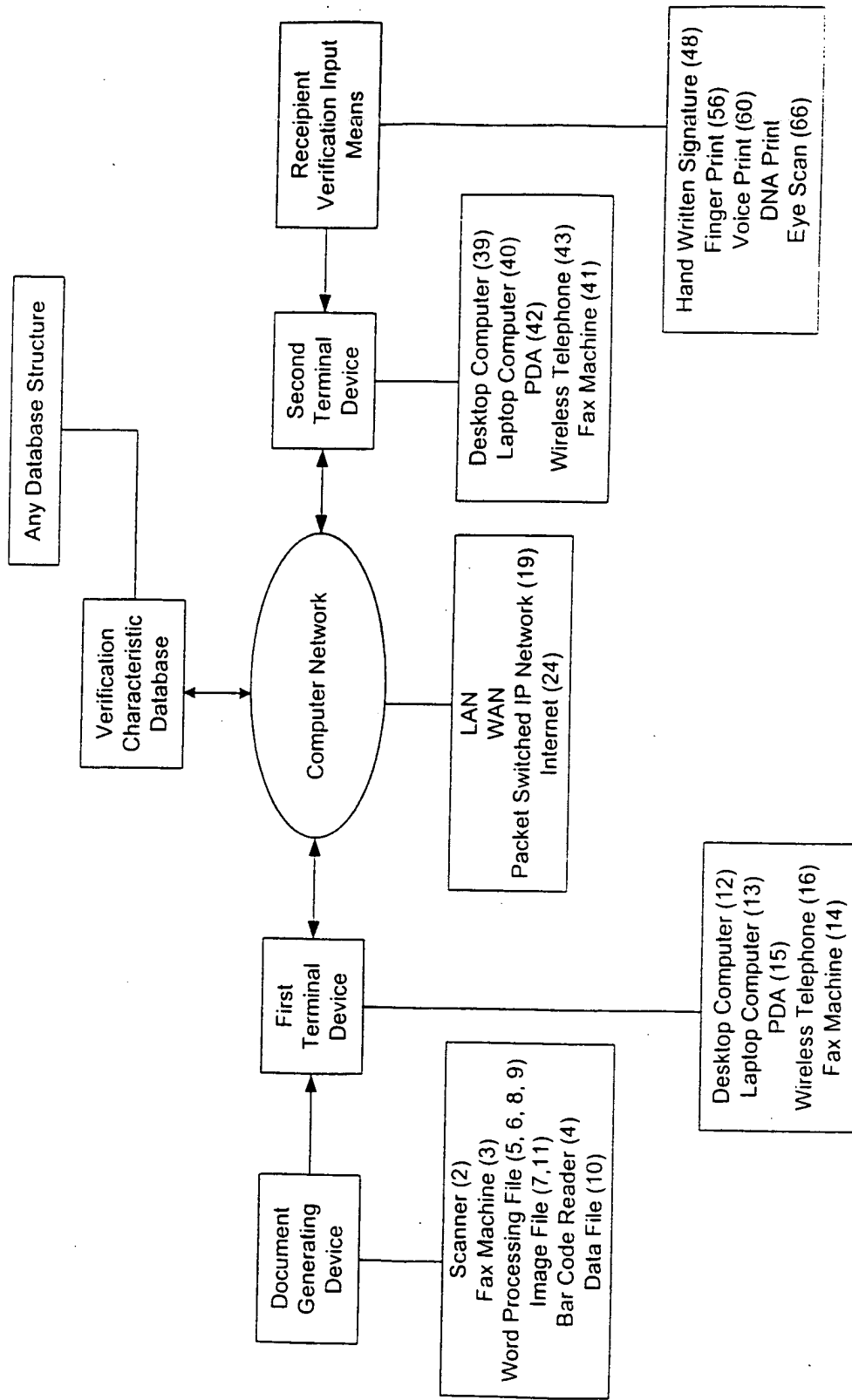
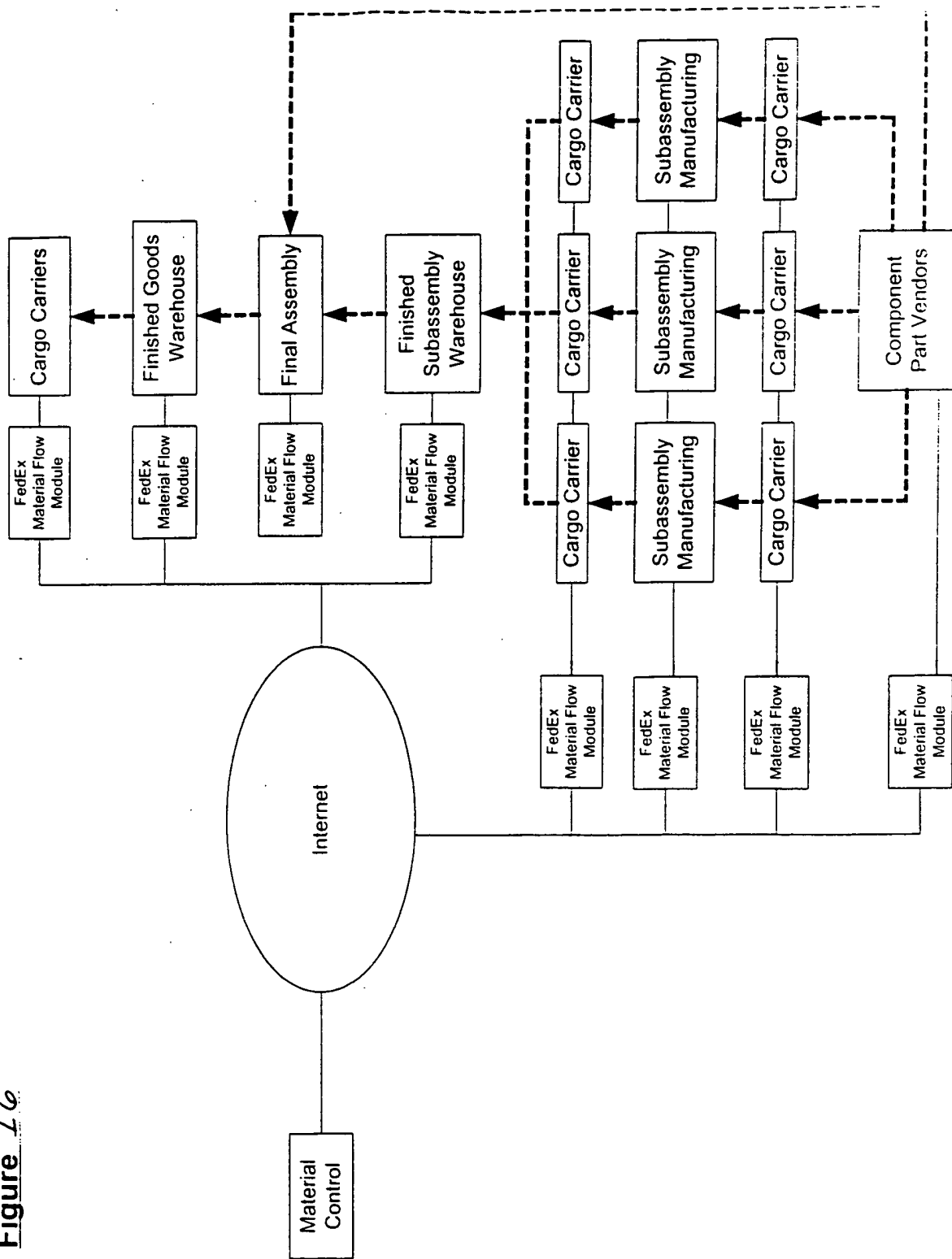


Figure 16



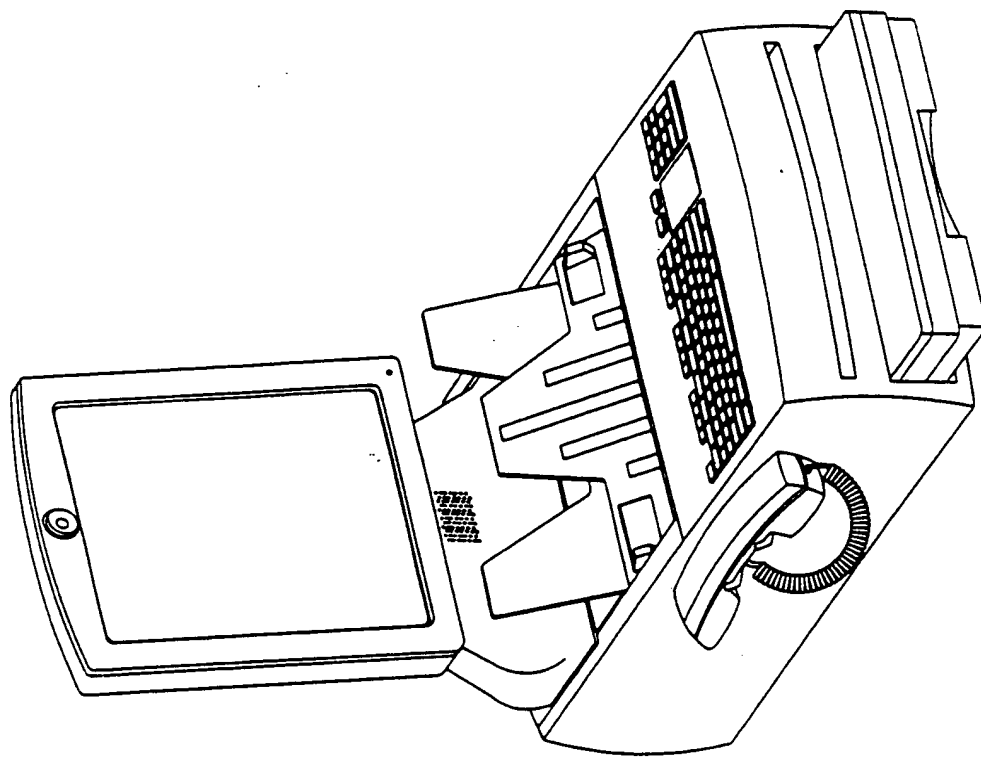


Figure 17

Figure 18 shows the back view of the device. The device has a large, rectangular, slightly tapered body. At the top, there is a circular opening. Below this, there is a circular feature with a cross symbol inside. The bottom of the device has a series of ports and connectors. From left to right, these are: a Power port, a Parallel port, a Serial port, a Video port, an Audio port, a Cable Modem port, an RJ 45 Ethernet port, and an RJ-11(2) port. A Hand Set is connected to the top of the device via a coiled cord.

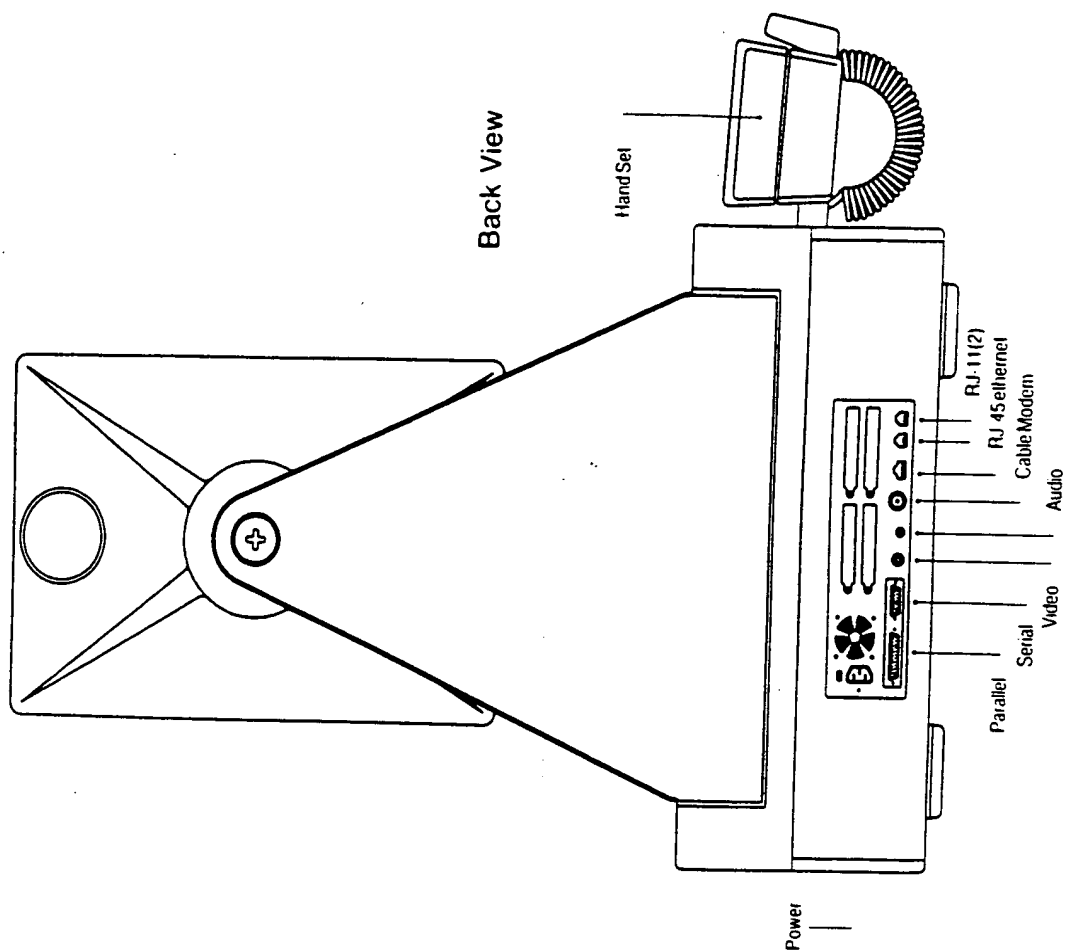
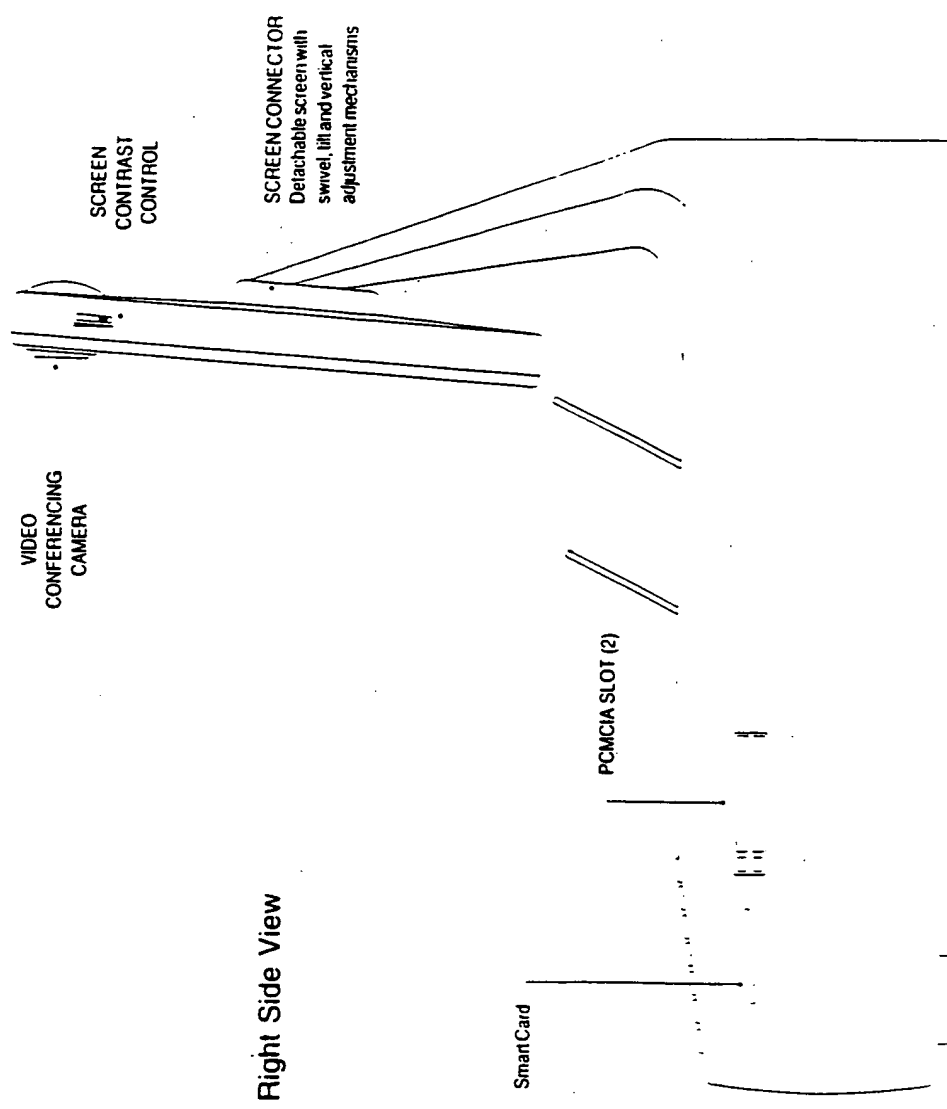


Figure 18

When using the system, the user should refer to the user manual for detailed instructions. The system is designed for use in a controlled environment and should not be used in a public area.



Right Side View

Figure 19

1. The present invention relates to a portable electronic device, and more particularly to a portable electronic device having a display screen and a keyboard.

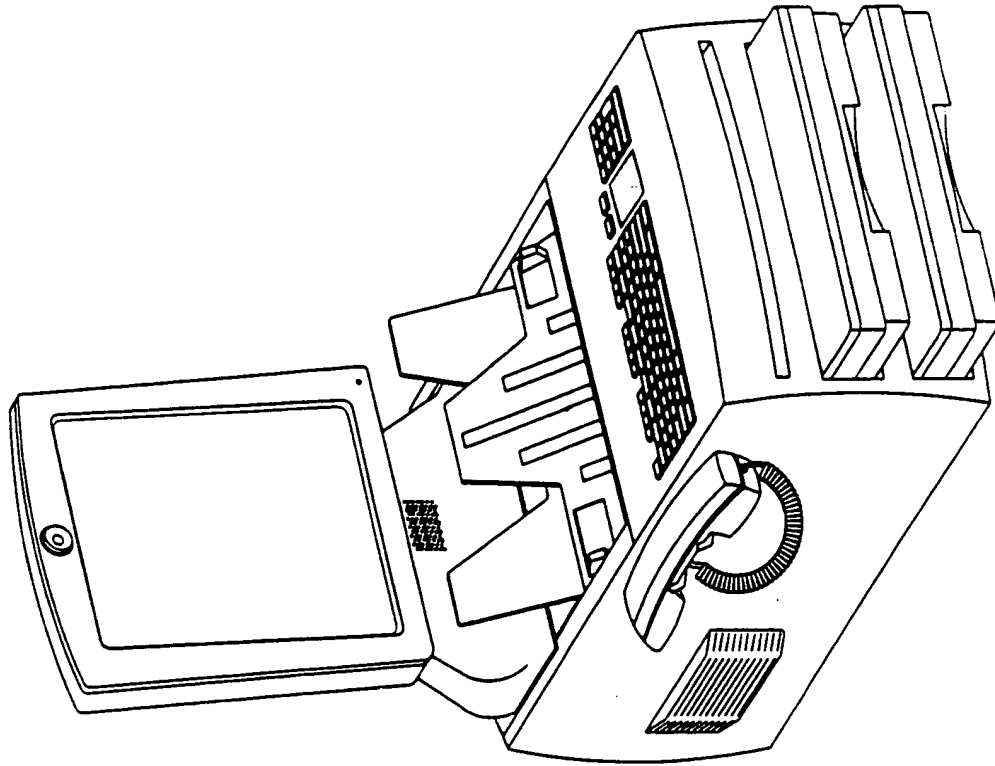


Figure 20

When doing this, you will want to make sure that the power is off. If you are not sure, ask a professional. Do not touch the power supply or any other components inside the case. If you are not sure, ask a professional. Do not touch the power supply or any other components inside the case.

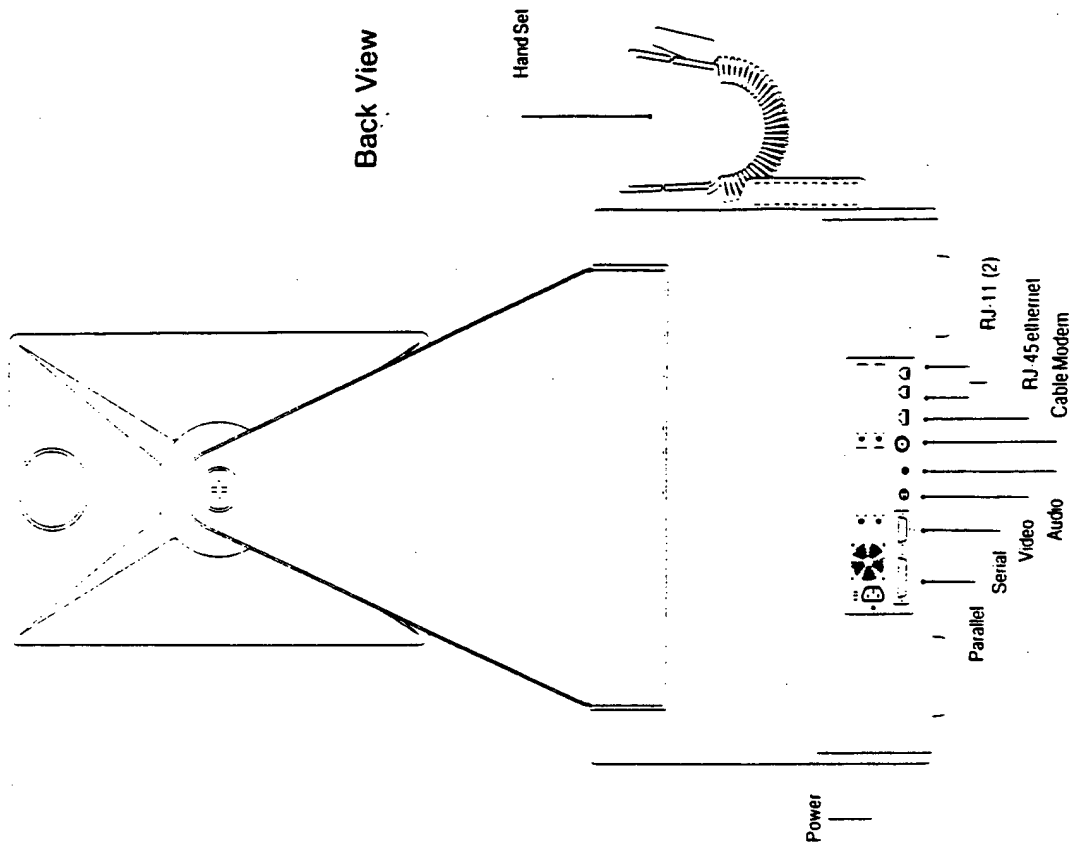


Figure 21

e-Concierge'.MFD **Hardware Ports**

Right Side View

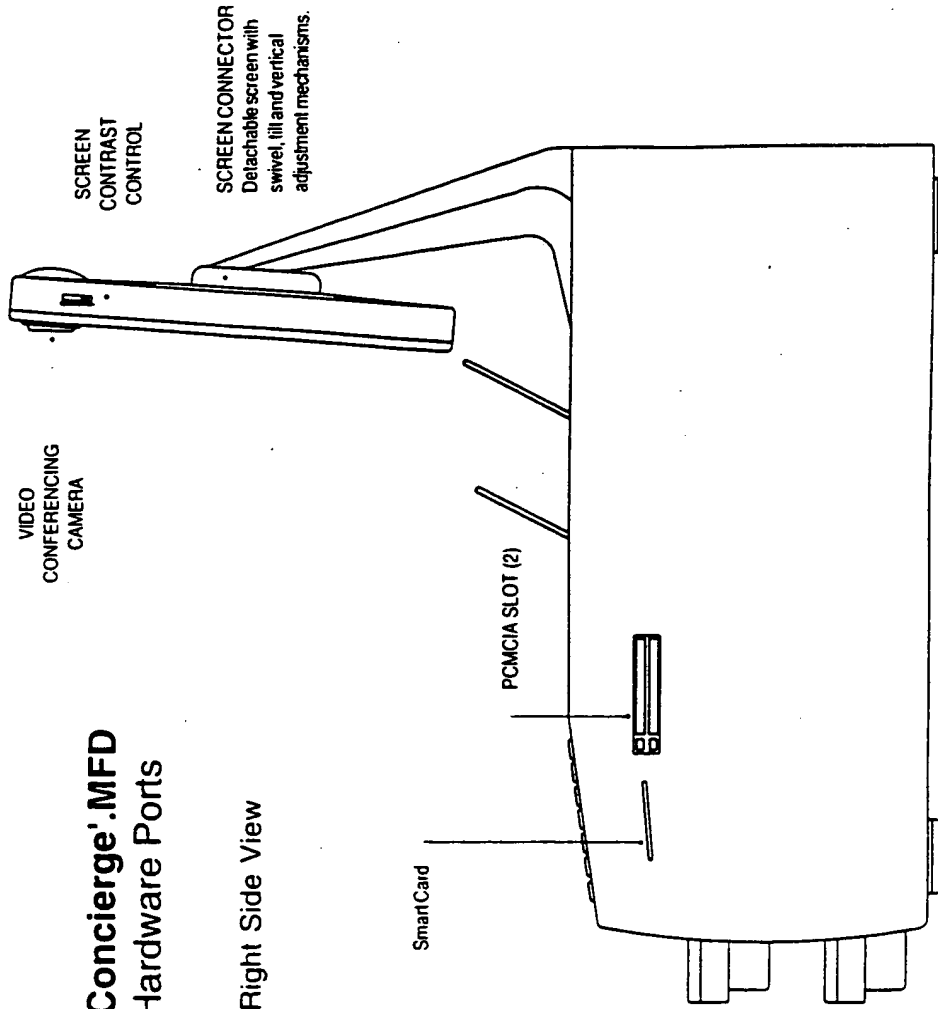


Figure 22

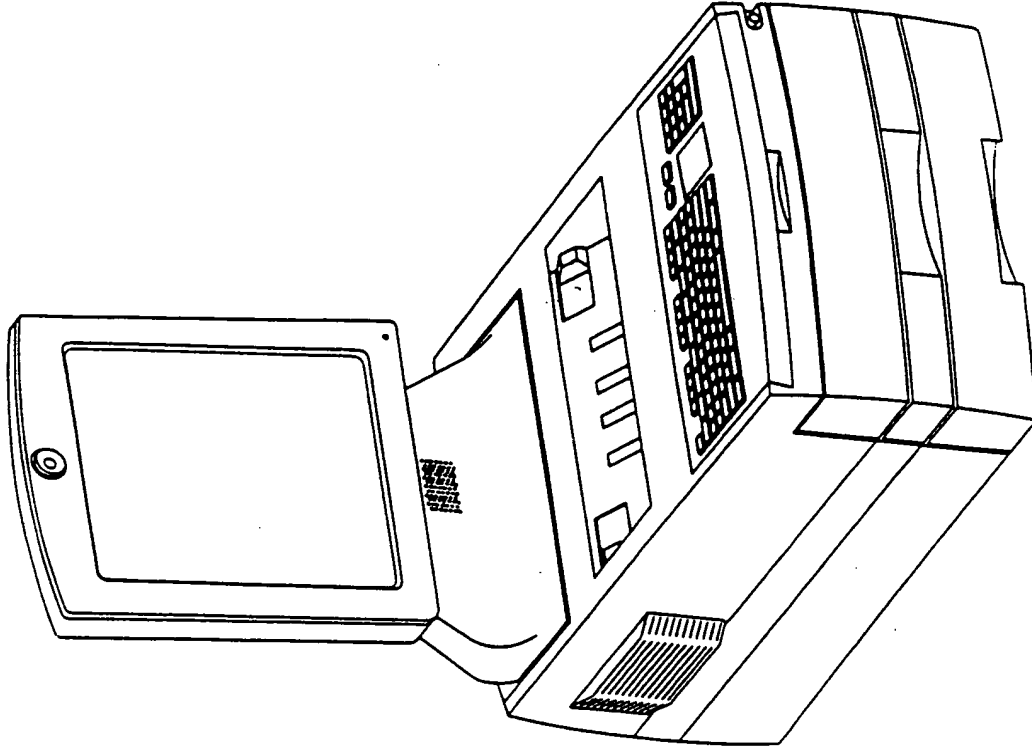
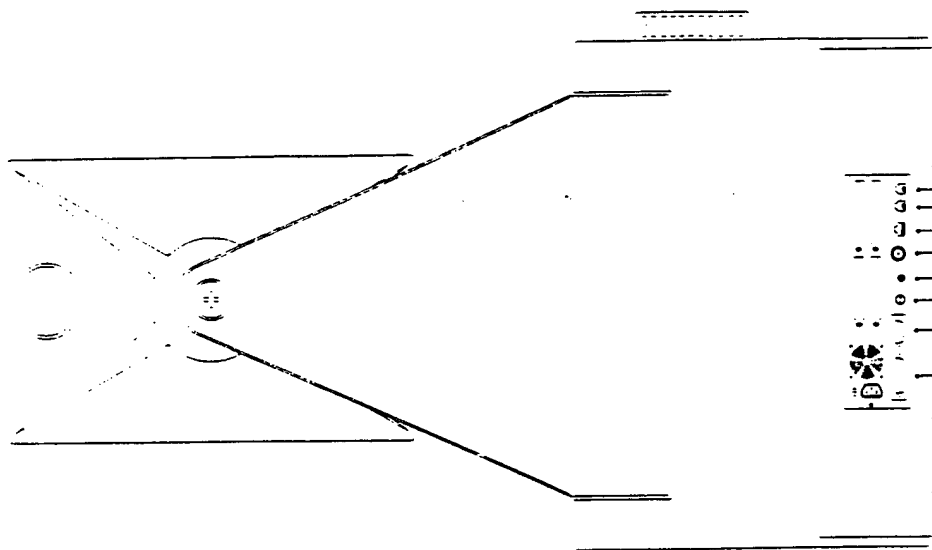


Figure 23

1. The first step is to identify the components of the system. This includes the power supply, the main unit, and the various input/output ports.



Back View

Figure 24

Figure 25 is a schematic diagram of the system components. The components are connected as follows:

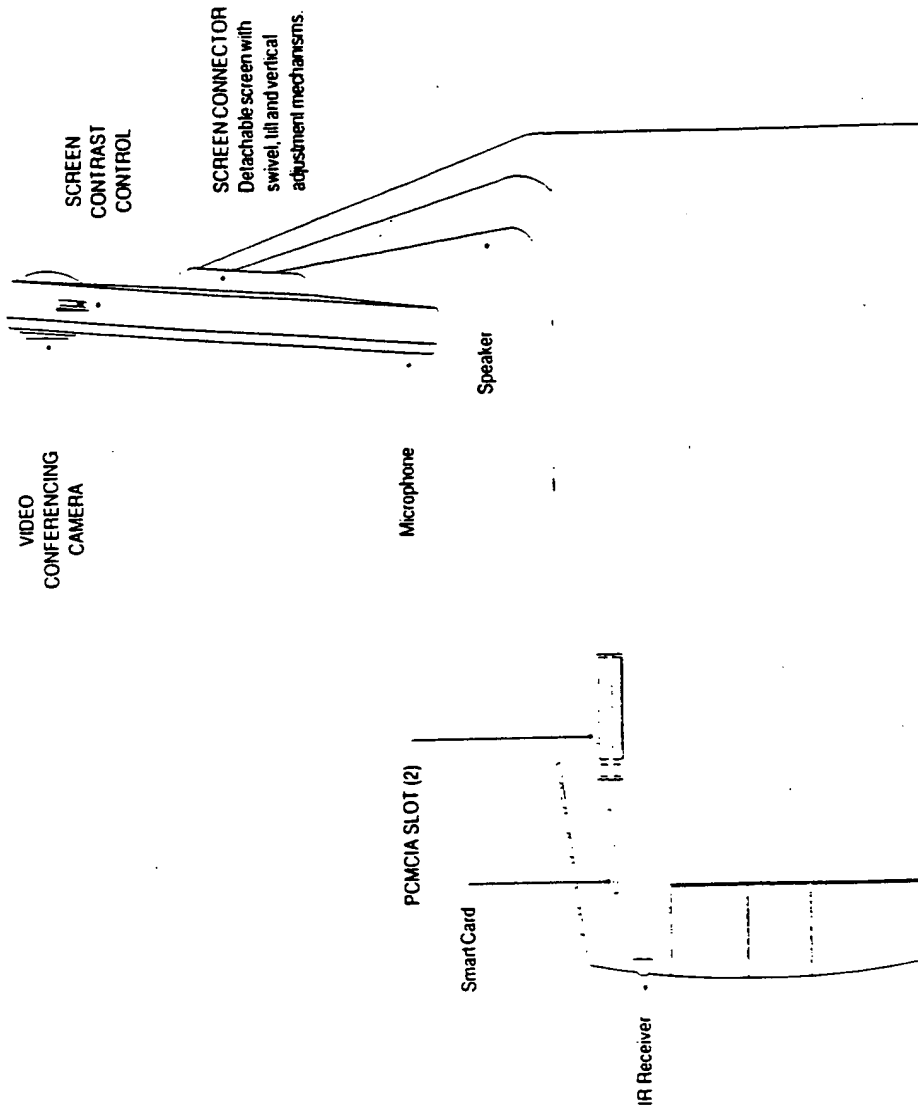


Figure 25

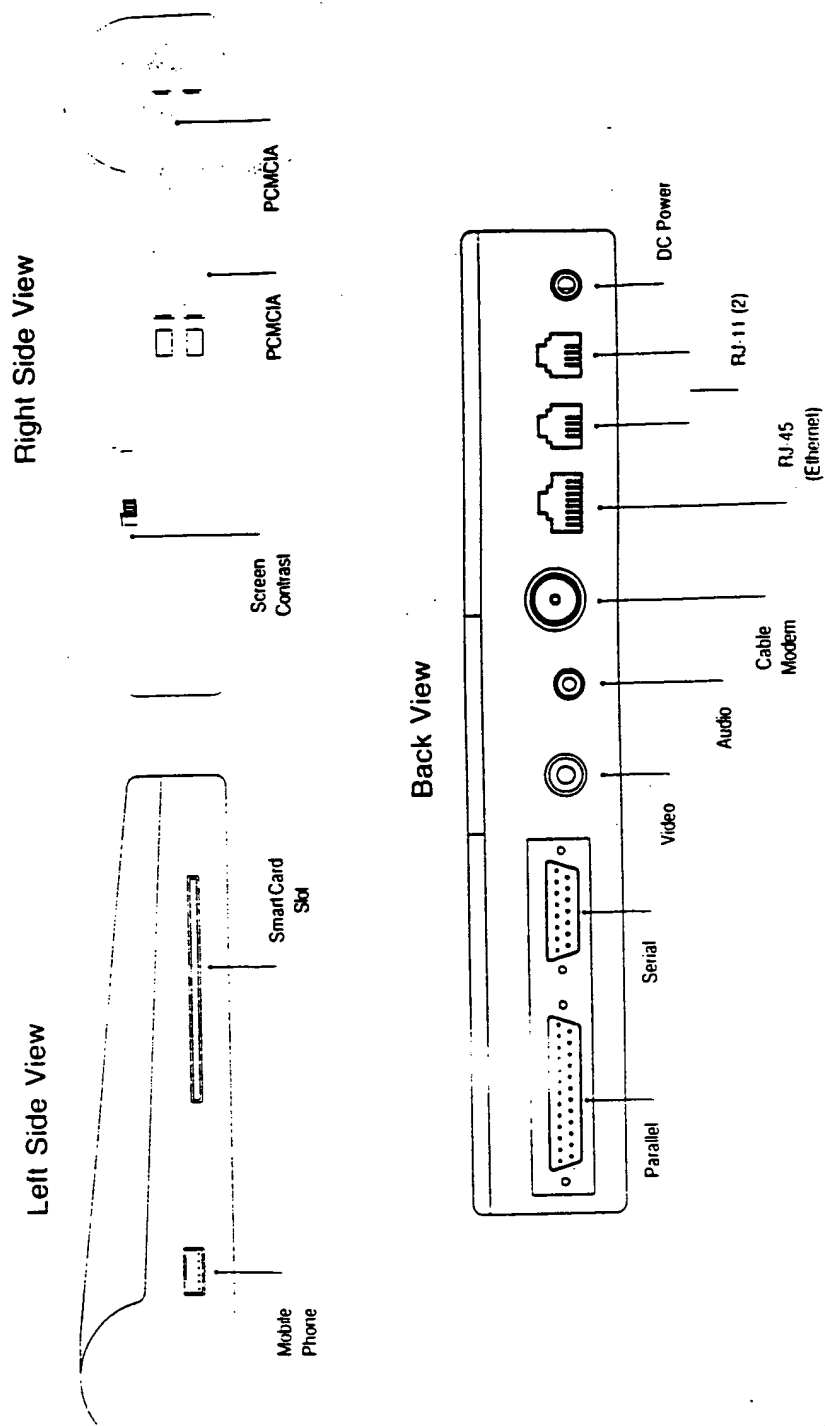


Figure 28

1. The first step is to identify the key that is being pressed. In this case, the key is the "Enter" key.

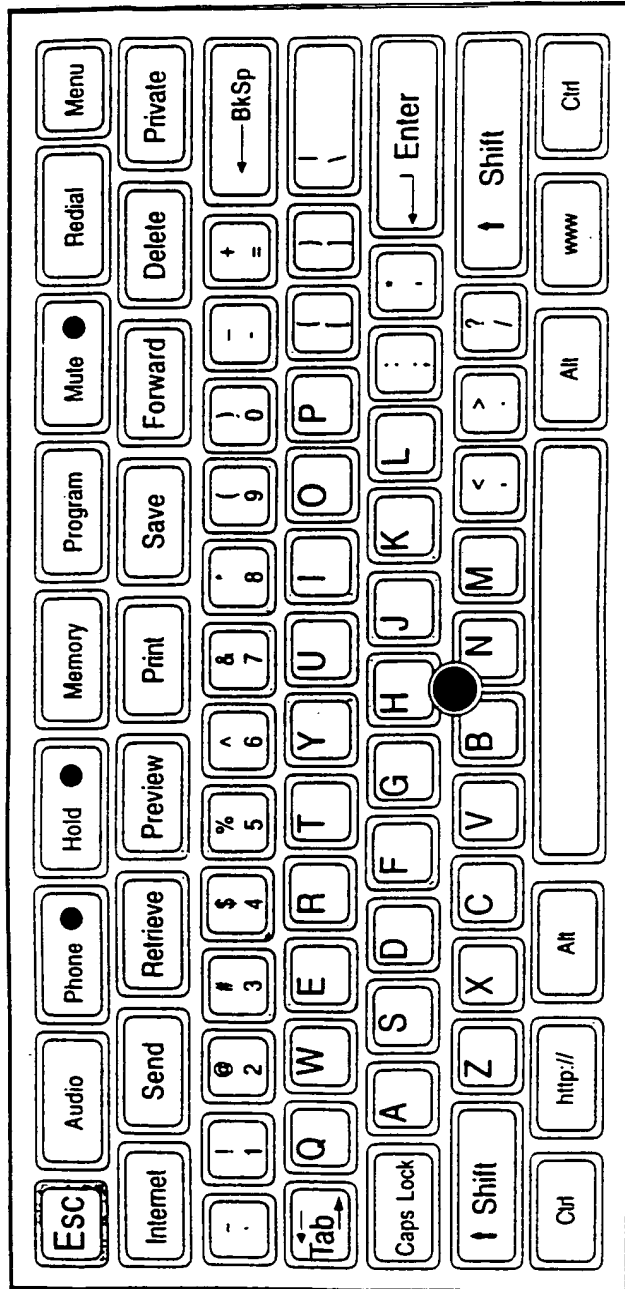


Figure 29

1. Press the **Phone** button to initiate a call.
 2. Press the **Send** button to send a message.
 3. Press the **Retieve** button to retrieve a message.
 4. Press the **Preview** button to preview a message.
 5. Press the **Print** button to print a message.
 6. Press the **Save** button to save a message.
 7. Press the **Forward** button to forward a message.
 8. Press the **Delete** button to delete a message.
 9. Press the **Private** button to mark a message as private.
 10. Press the **BackSp** button to return to the previous screen.

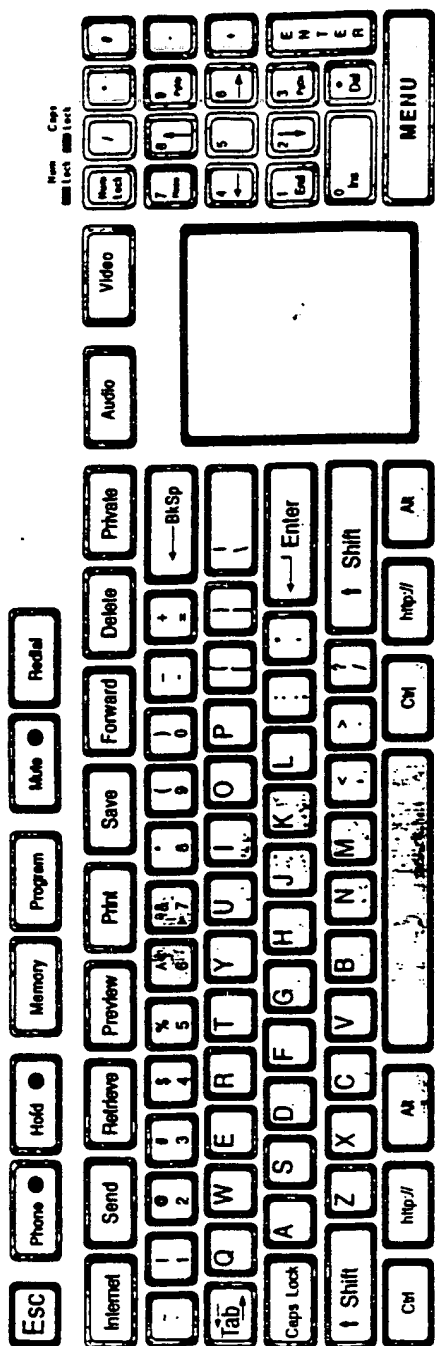


Figure 30

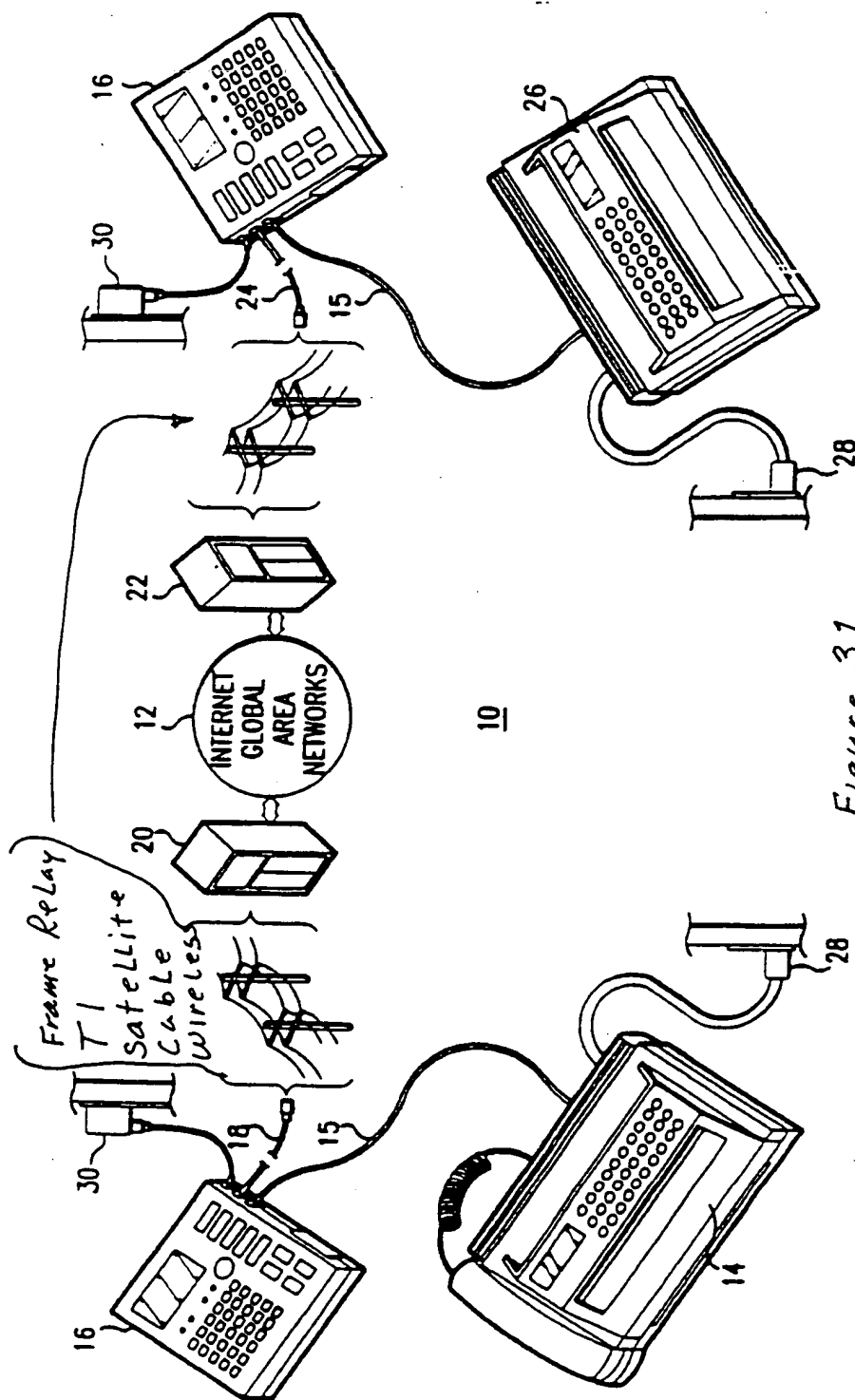


Figure 31

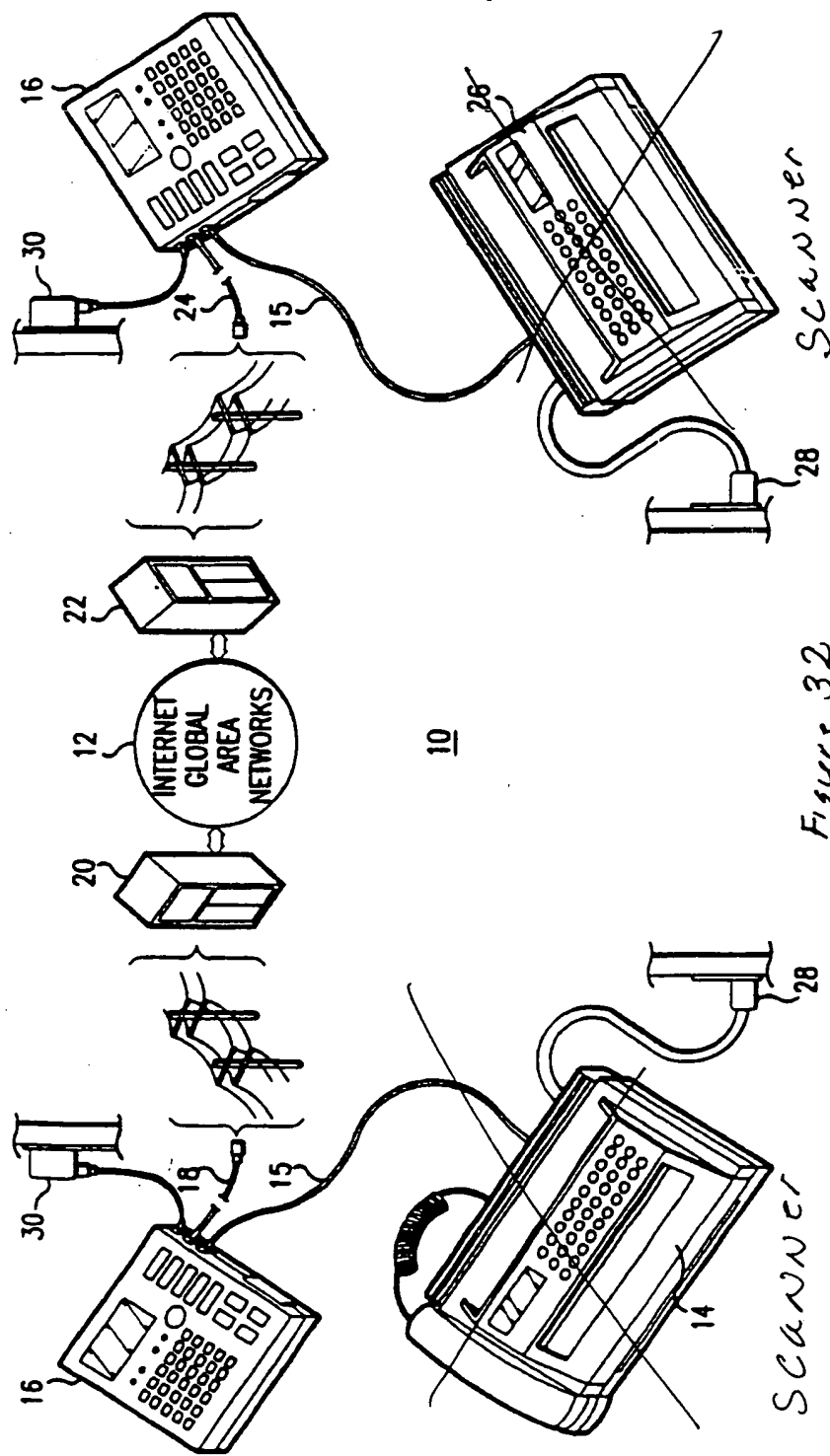


Figure 32

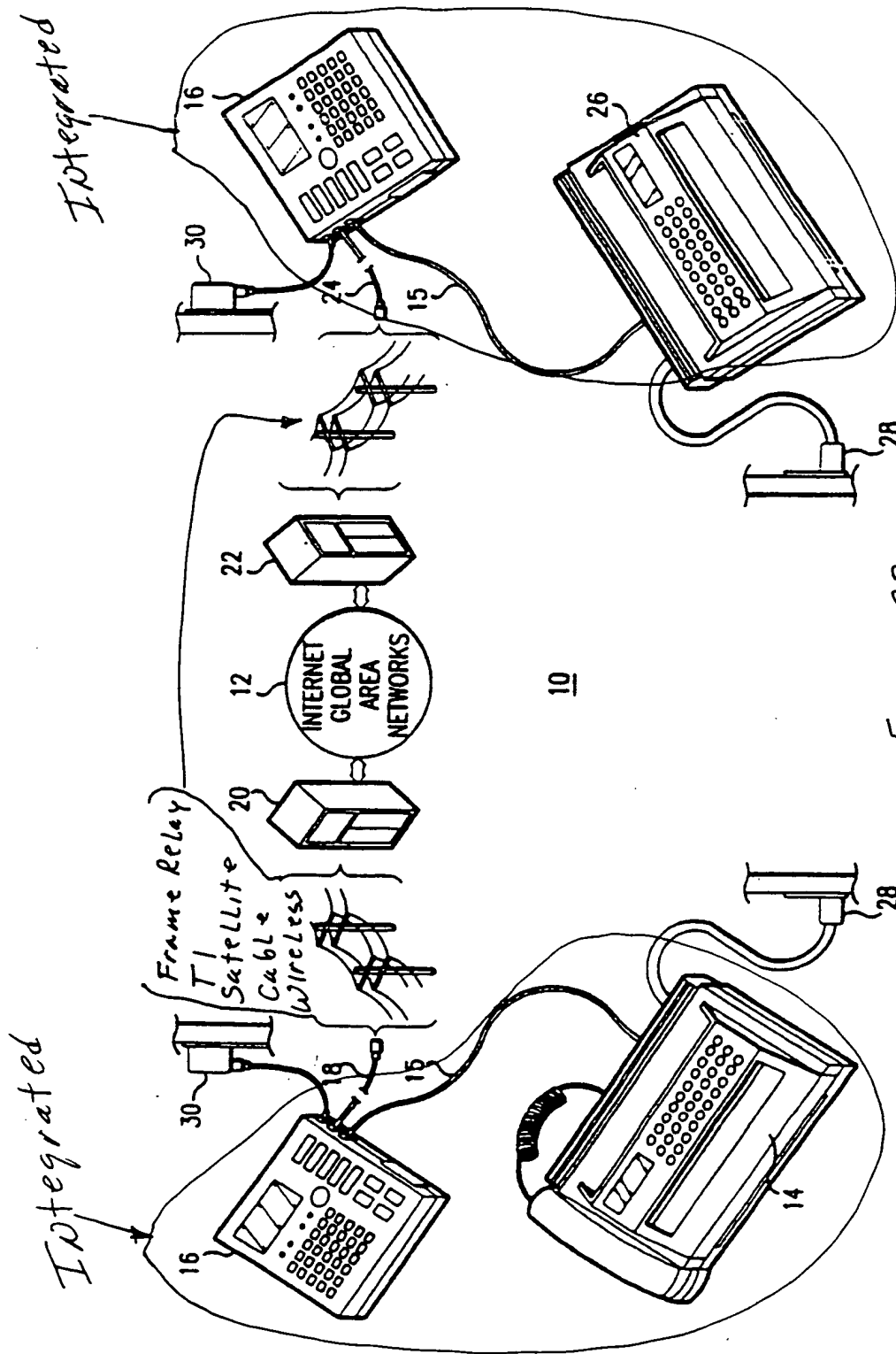


Figure 33

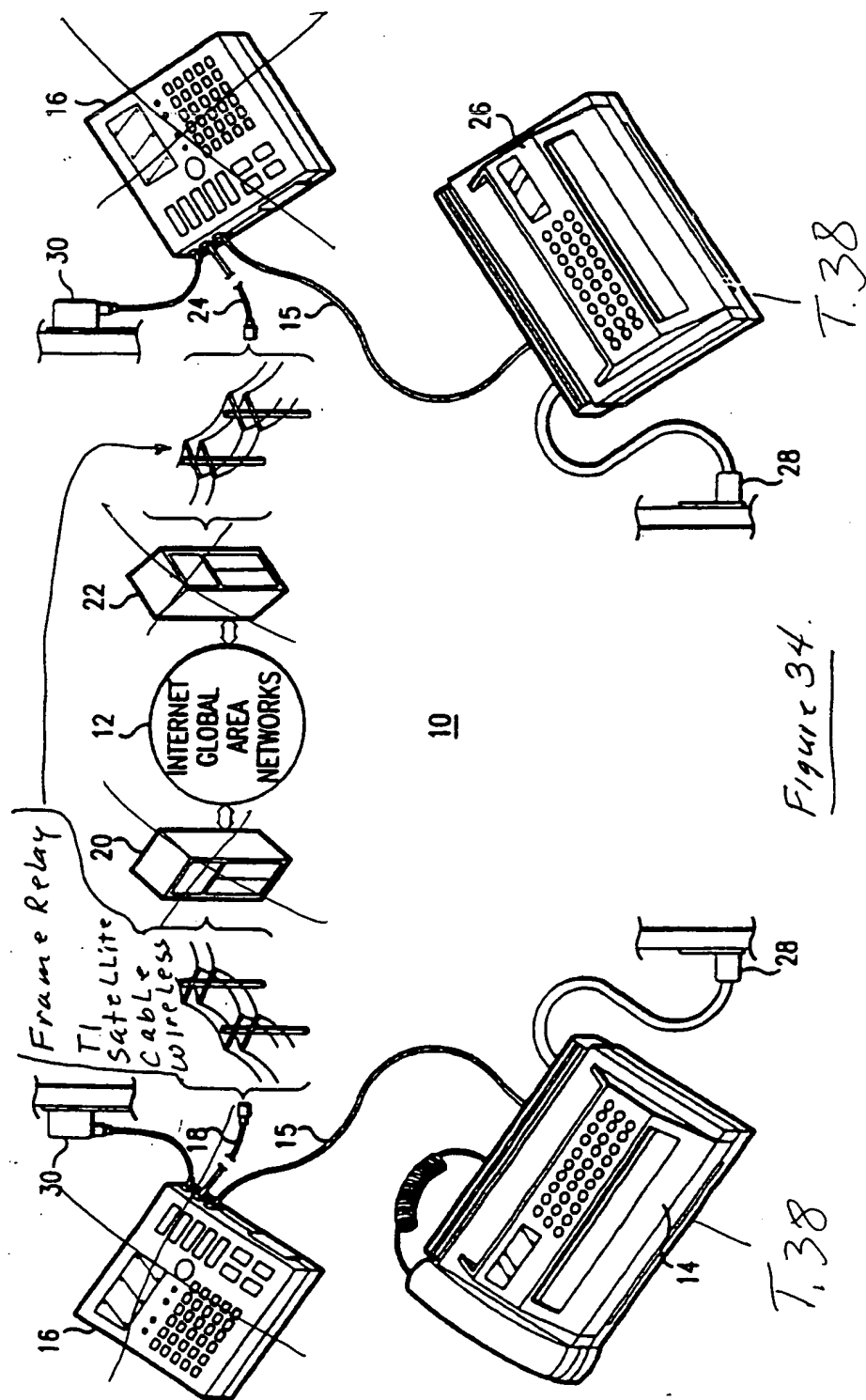


Figure 34.

Figure 35

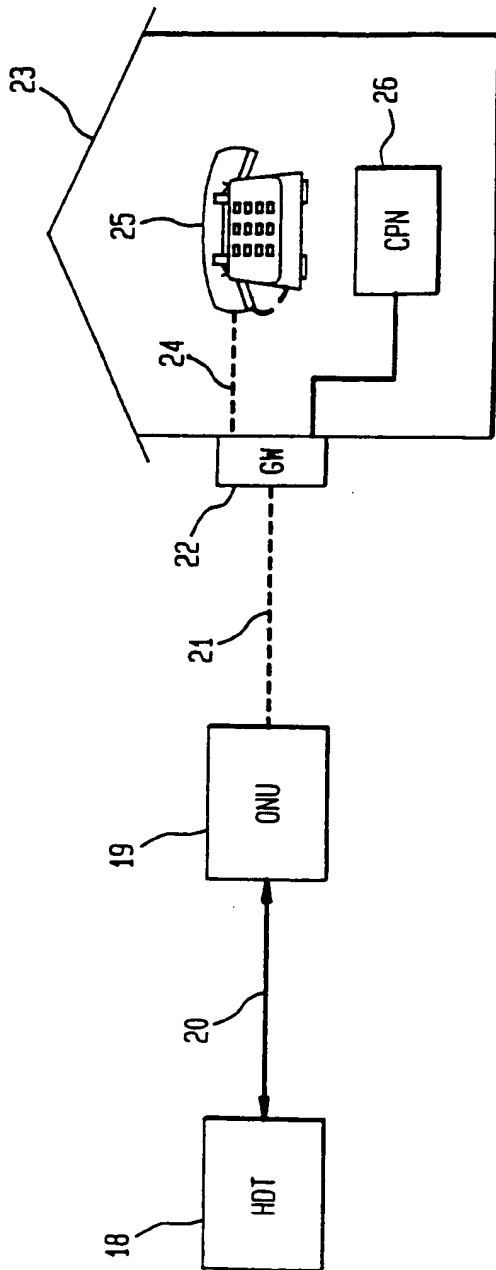


Figure 36

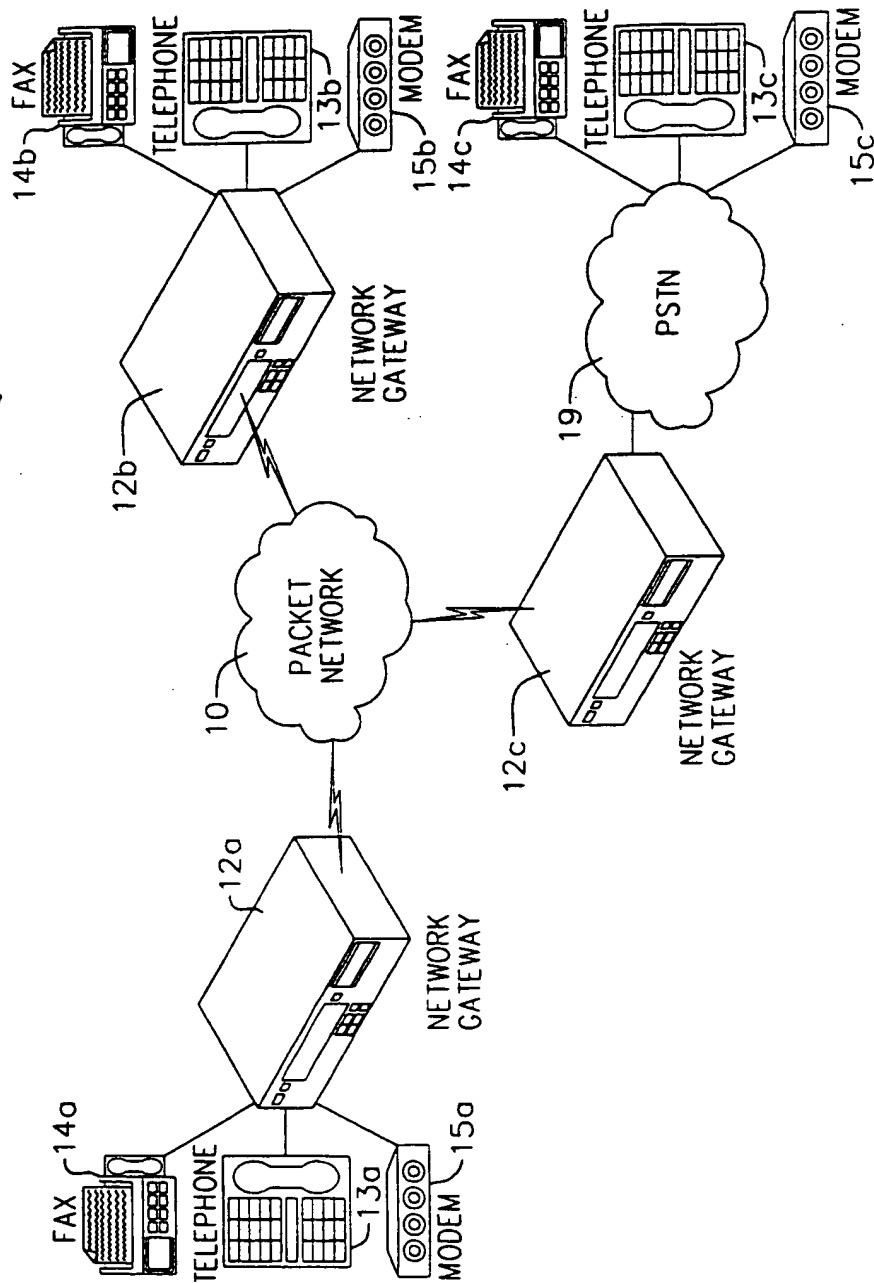


Figure 37

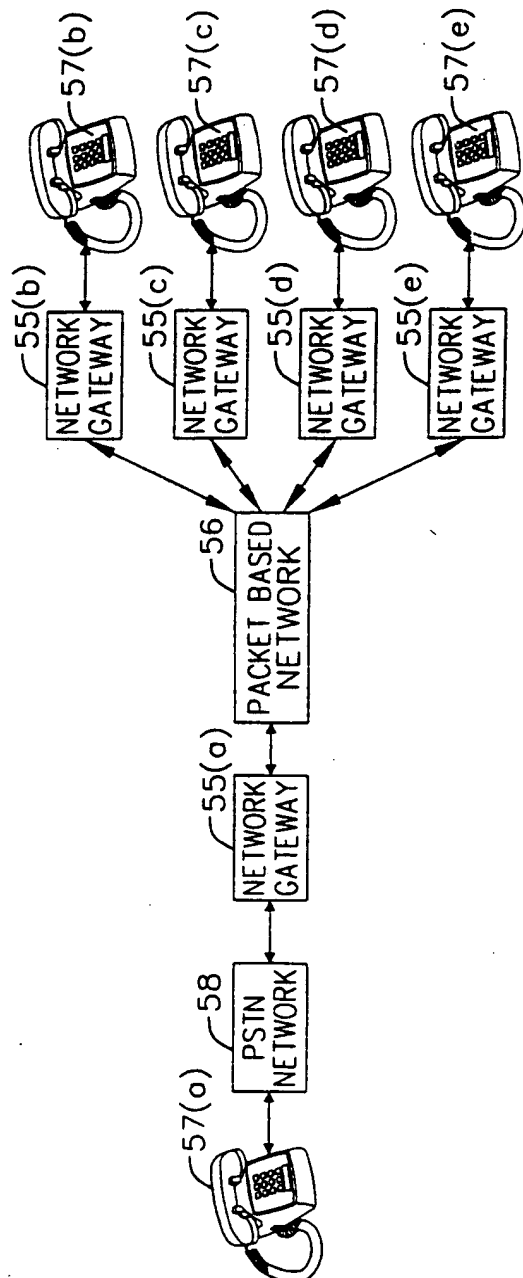


Figure 38

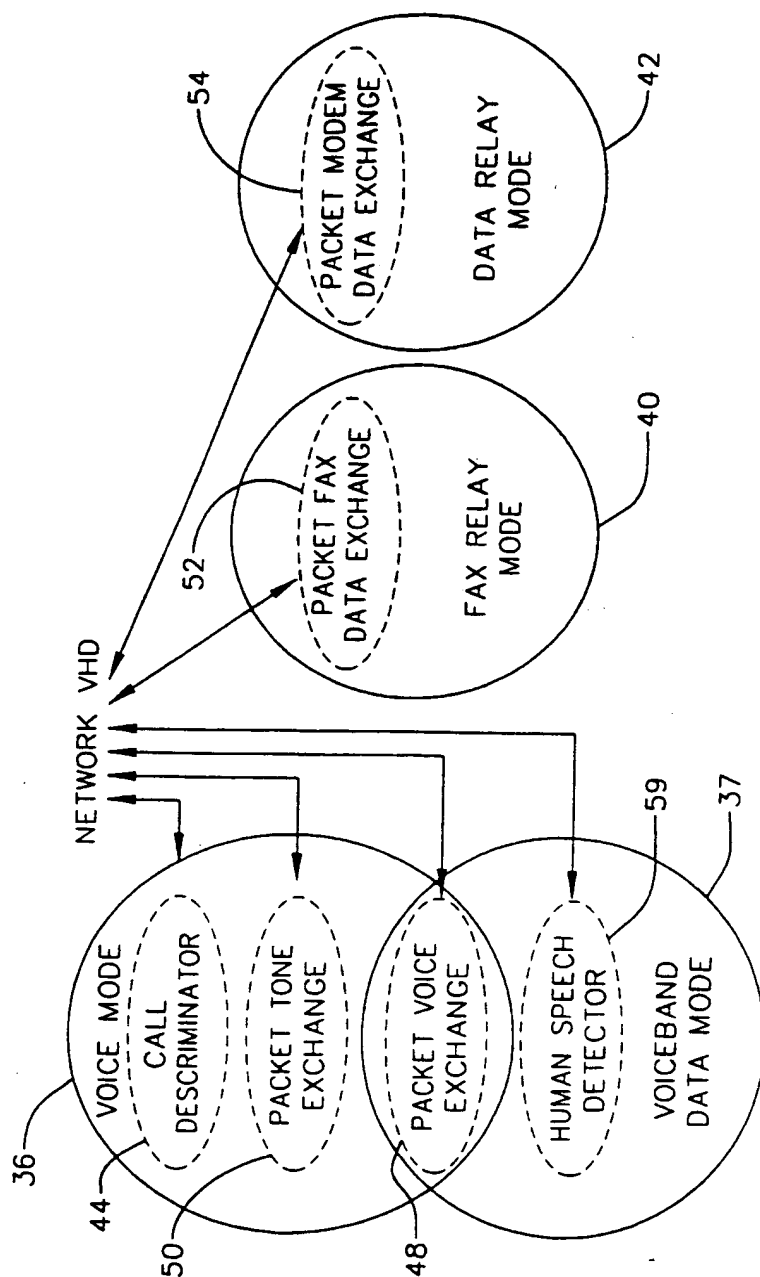


Figure 39

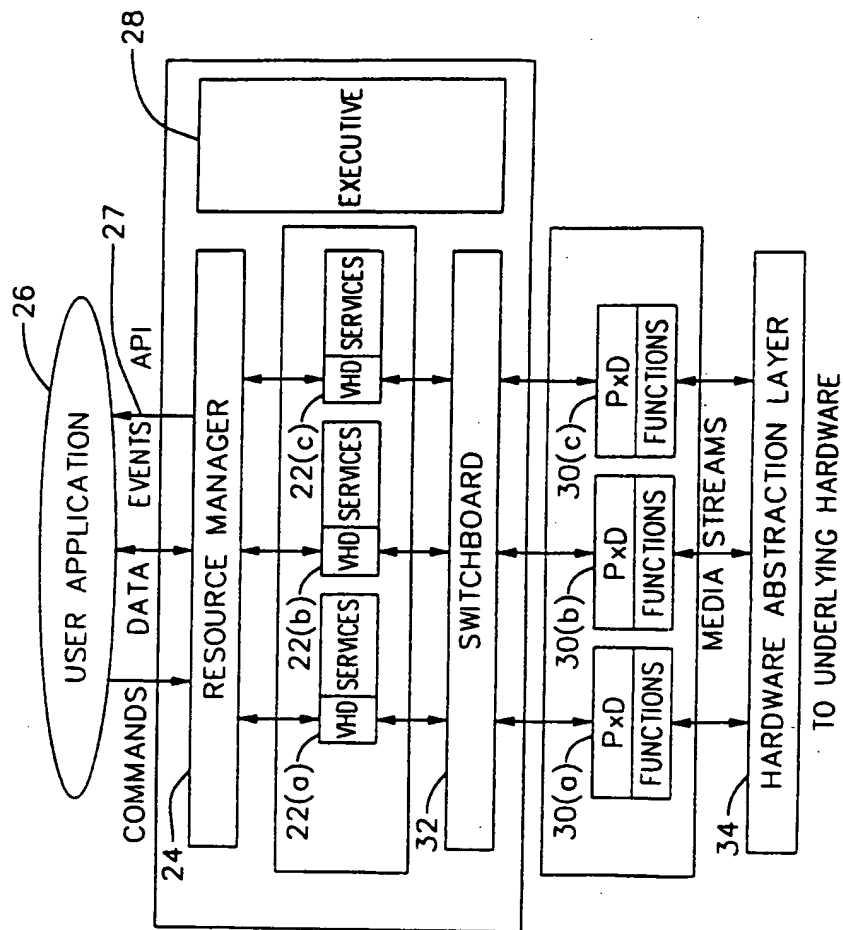


Figure 40

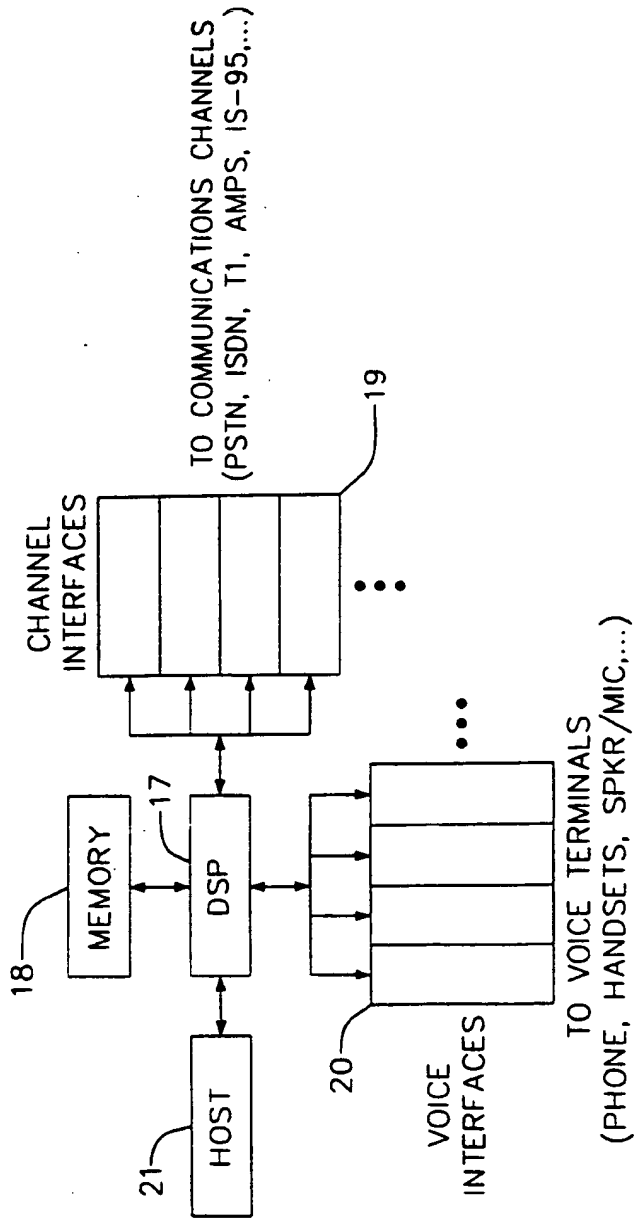


FIG. 4 is a block diagram of a voice decoder system in accordance with the present invention.

Figure 4

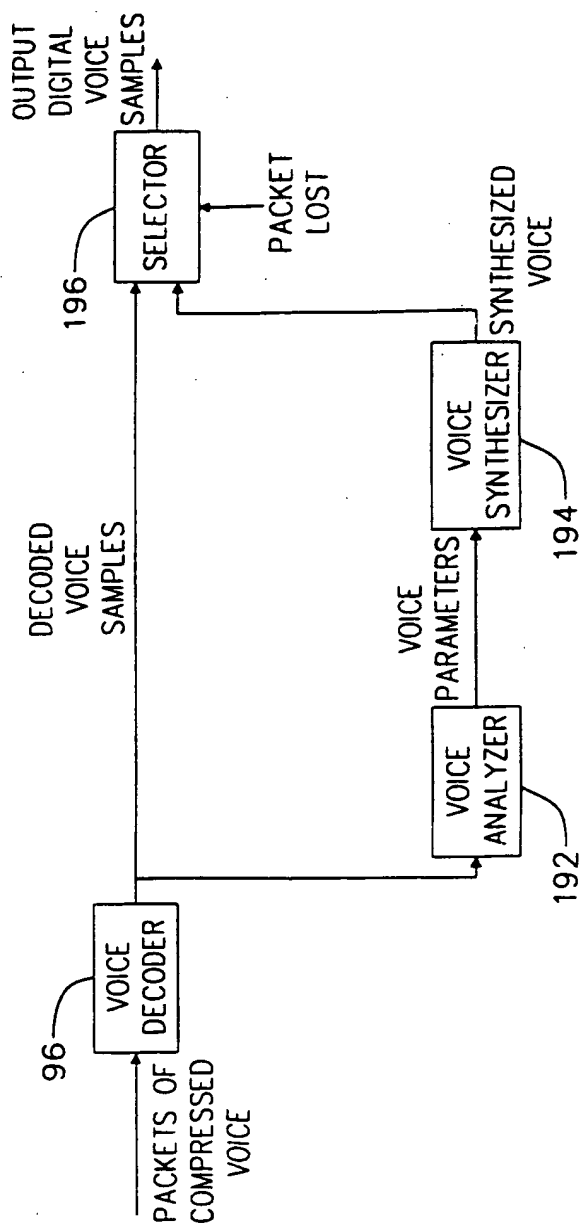


Figure 42

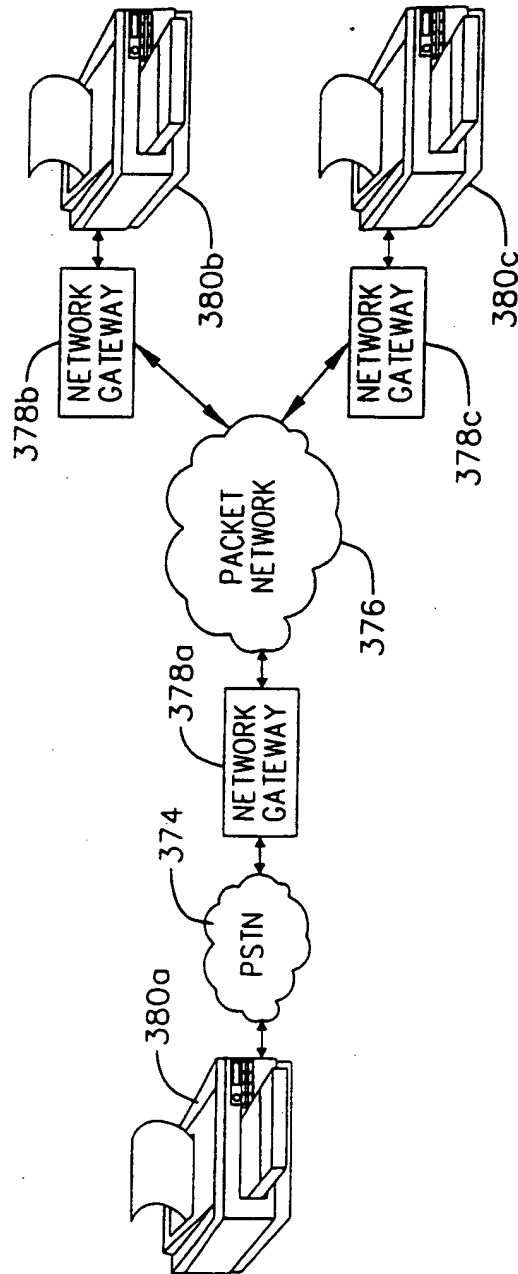


Figure 43

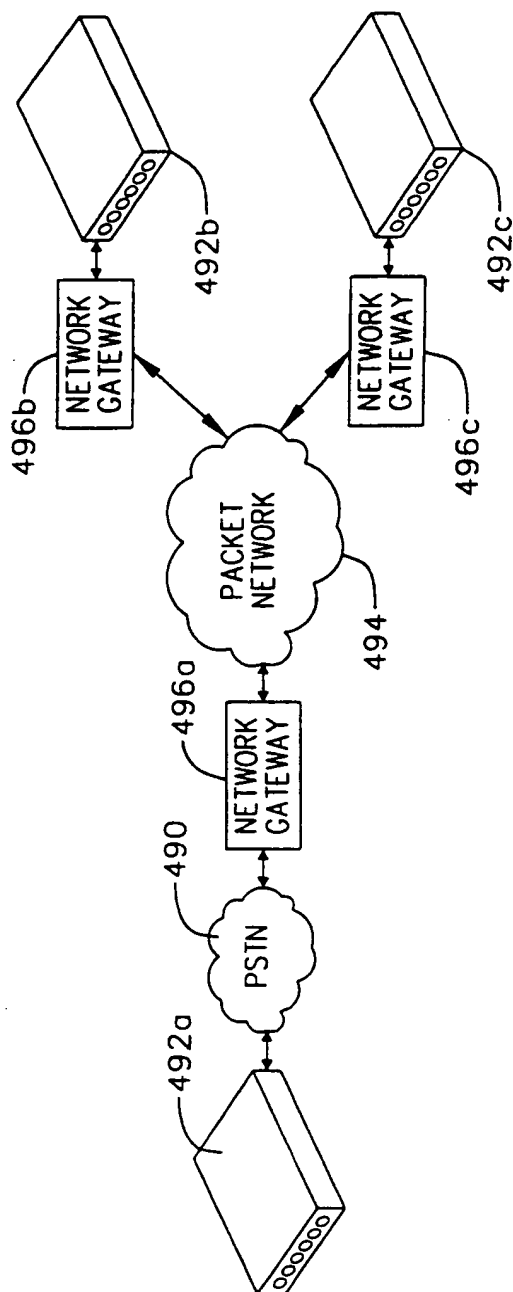


Figure 44

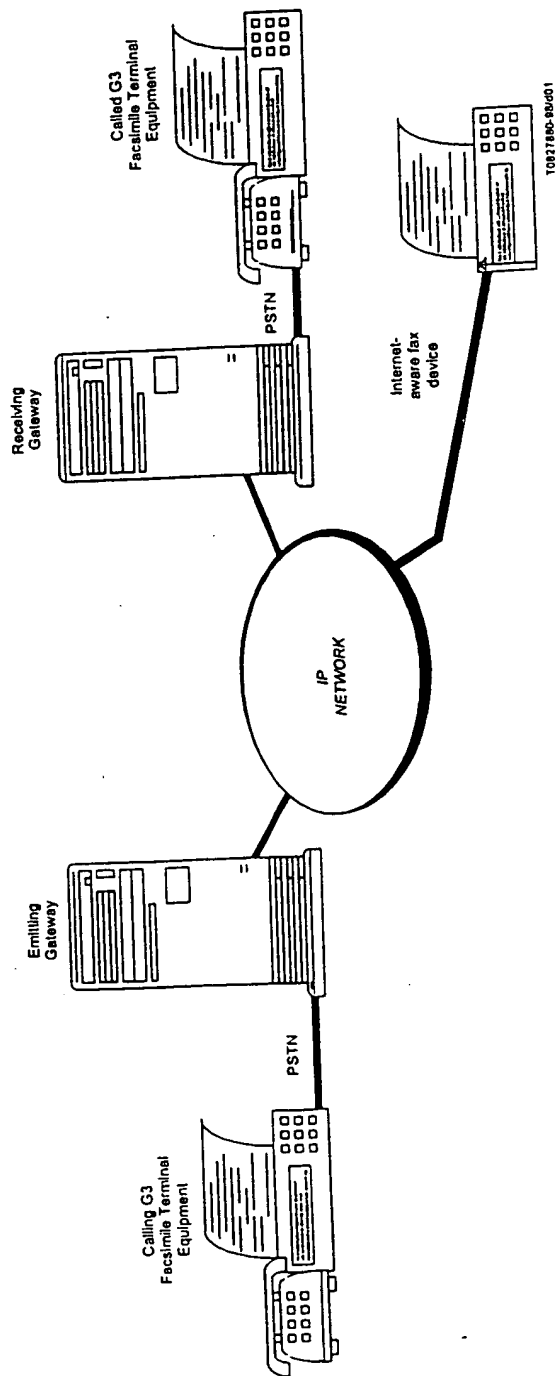


Figure 45

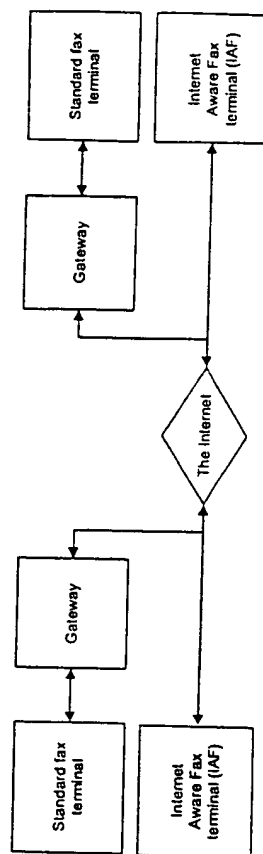
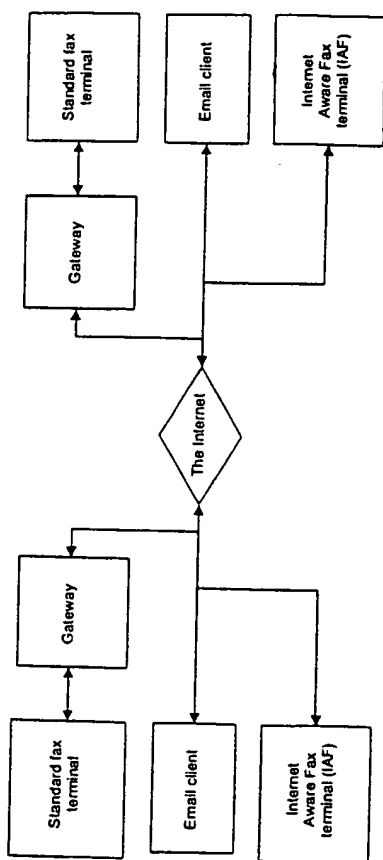
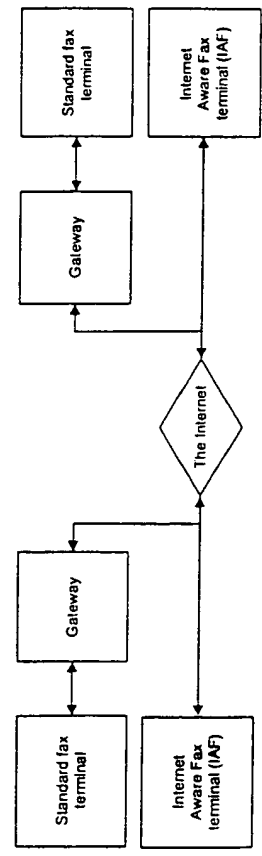
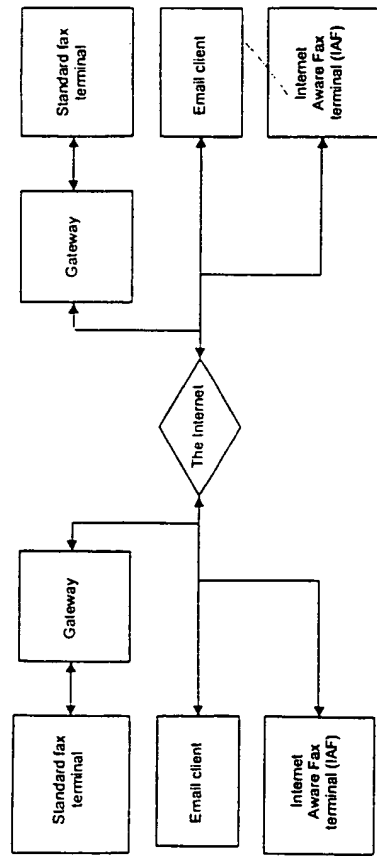


Figure 46



10327850-96/001

Figure 47

